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1910



SEEDS
—
BULBS
—
DAIRY
SUPPLIES
—
FARM
TOOLS

EVERYTHING FOR THE FARM

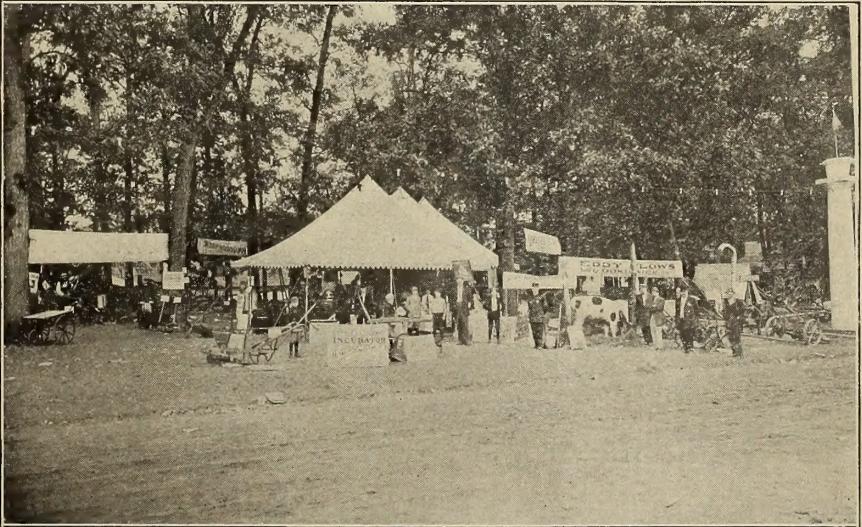
Established
1858

Established
1858

H. W. GORDINIER
Franklin Square TROY, N. Y.

EVERYTHING FOR THE GARDEN

POULTRY
SUPPLIES
—
POULTRY
FEEDS



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BY MAIL

You can order your Implements from Gordinier's
for Gordinier has a Perfect System.

— SEE HOW IT WORKS —

Drop your Order in any Letter Box, any Post-Office, or hand
it to any Letter Carrier in the country.

IT WILL BE CARRIED

↓ QUICKLY TO

H. W. Gordinier's office at Troy, N. Y., where it will be
entered on shipping blanks for immediate attention.

These orders are collected four times a day and

RUSHED BY MESSENGERS

↓ OR TELEPHONED TO

Gordinier's Big Storehouse on Green Island. Here men are
ready to pack the order, others load it on wagons or in cars
that run direct to the building and your order is on its way.

D. & H.
R. R.

N. Y. C.
R. R.

B. & M.
R. R.

B. & A.
R. R.

All Express
Companies

All Boat
Lines

Electric
Express

If you are too busy to come to Troy, just mail your order and it will be shipped
quickly and accurately.

DIRECTIONS FOR ORDERING.



5 PER CENT. DISCOUNT

An examination of this book will convince every reader that the prices are most reasonable and that all implements are worth every penny asked for them. However, if your order amounts to \$10.00 and over, we will allow a special discount of 5% cash with order.

CATALOGUE

We issue four big Illustrated Catalogues: No. 1—Farm and Garden Implement Catalogue; No. 2—Big Garden Seed Catalogue; No. 3—Big Timothy and Clover Price List of Miscellaneous Seeds, and No. 4—Cyphers Incubator and Poultry Catalogue. Any of the above catalogues will be mailed, upon request, free of charge.

FILLING ORDERS

Every order is filled and forwarded as promptly as possible, but if not duly received please notify us and we will make every effort to trace it without delay. Do not fail to sign your name and give full address.

PACKING AND SHIPPING

We make no charge for boxes or packing of retail orders, and deliver all goods to any railroad or steamboat free of charge. We charge for cotton bags as follows: Peck and one-half bushels, 10 cents each; one bushel, 15 cents each; two bushels, 20 cents each.

HOW TO REMIT

THREE SAFE WAYS

A Post Office Money Order will cost as follows: Sums not exceeding \$2.50, 3 cents; over \$2.50 and not exceeding \$5.00, 5 cents; over \$5.00 and not exceeding \$10.00, 8 cents. This is the best way, and we advise our friends, when possible, to send a money order.

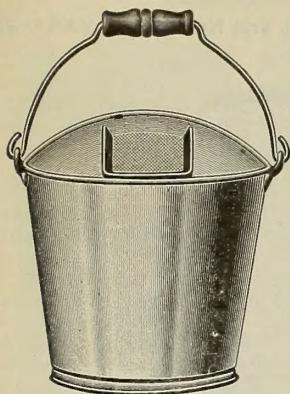
Express Money Order. To be obtained at all offices of the American, United States, Adams, Pacific, National, Wells, Fargo & Co., and other Express Companies.

Registered Letter. When money cannot be sent by either of the first two methods, it may be sent in a Registered Letter. The cost of registering is 10 cents.

Be sure to write us for any information pertaining to our business not found in this catalogue.

We urge customers to inform us promptly on the arrival of orders if anything proves otherwise than expected. We aim to make friends of our customers, and mail orders receive the same careful attention that customers do over our counters, but we are only human, and errors sometimes (though not often) occur. When they do we are willing and anxious to rectify them.

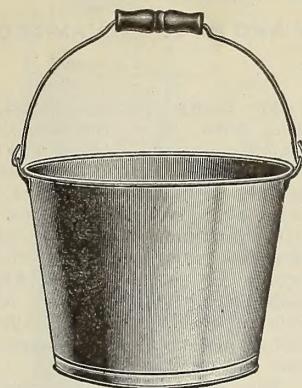
DAIRY SUPPLIES



Square Top Strainer Pail

One of Gordinier's big sellers.

12 quart, each.....	55c
14 quart, each.....	60c

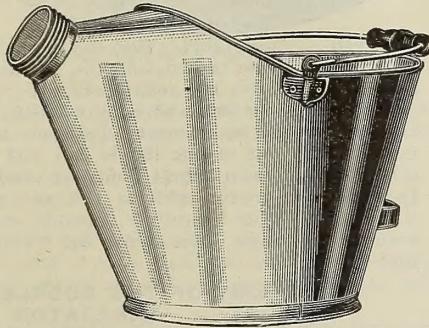


Milk Pails — XXXX Tin

These pails are made extra strong to stand the hard usage to which a pail of this kind is subjected. Made of XXXX tin.

12 quarts, each.....	45c
14 quarts, each.....	50c

Common Sense Milk Pail



This pail is made of extra heavy tin. The strainer can be removed to clean or repair, and it is the best pail for all purposes made. 13 qts.

Price, \$1.00.

The Excelsior Milk Strainer

THE MOST COMPLETE, CONVENIENT AND DURABLE
MILK STRAINER IN THE MARKET.

Adapted to All Kinds of Milk Cans and Pans.



This Strainer is very substantially made of heavy tin supported by tinned malleable iron castings. The three malleable iron strainers are all easily detached. When in use each one of these is covered by two or more thicknesses of cheese cloth. Thus the milk is strained through from 6 to 18 thicknesses of

cheese cloth (as many as desired) without clogging. By this means the milk is completely cleansed, leaving no sediment whatever.

Price, \$2.00.

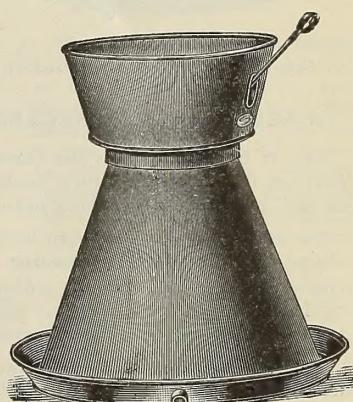
Milk Coolers

WHAT IT DOES.

1. It improves the flavor of fresh milk and its products—this is accomplished by aeration or the driving out of the objectionable animal and food odors which new milk always contains. This aeration takes place in the CHAMPION while the milk is falling through the air in minute particles and before it strikes the cooling drum, and this is the only time it can be done successfully, as after the milk is cooled it becomes impossible.

2. It increases the keeping qualities of the milk and its products. This is accomplished by the thorough cooling to which the milk is subjected in the CHAMPION. This reduction in temperature takes place while the milk is flowing in a thin sheet over the surface of the cooling drum.

Aeration and cooling are both necessary to the proper care of milk, and in the CHAMPION both processes are combined scientifically in just the right order and in just the right proportion.



PRICE LIST.

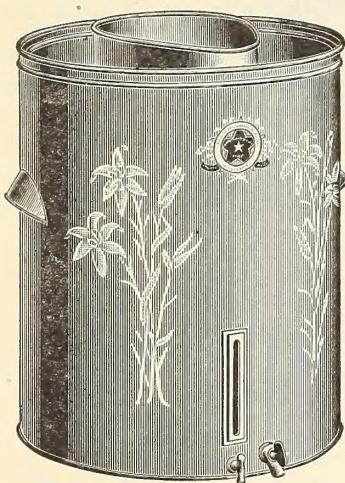
The following sizes of the Champion are gauged as nearly as possible to take care of the milk as fast as drawn from various sized dairies with the average number of milkers. Be sure to get one large enough, as best cooling results are obtained with low pressure of milk in the receiver.

No.	Capacity of Milk Receiver	Size of Dairy	Takes Care of	Price
2	18 quarts	10 to 25 cows	3 milkers	\$5.00
3	34 quarts	25 to 50 cows	5 milkers	6.00
4	52 quarts	50 to 100 cows	8 milkers	7.00

Extra sizes on special orders.

The Gordinier
Single Star Cooler Separators

MADE OF IXXX CHARCOAL TIN AND NO 26 GALVANIZED IRON.



As many people object, and with good reason, to putting water in the milk, and wishing to supply these people with a perfect working labor saving separator, Mr. Lawrence invented and we are now making this, which is called the **STAR COOLER**. This consists of one or more cans for milk being placed inside a larger one for water.

The outside can is being made of heavy galvanized iron and the milk cans are made of the very best tin, with the perfect concave bottoms and with a coat of odorless enamel on the outside to keep from rusting.

In using this style of separator the milk is not diluted with water, but placed in the inner can and water placed in the outer can, the separation being produced by cooling.

A FEW POINTS IN REGARD TO THE STAR COOLER.

1st. It has no peer in the three primary essentials for cream getting, deep setting, quick cooling and ventilation. Will raise cream quicker than submerged cans because it has ventilation.

2d. It is best adapted to cool milk quickly because of its shape and position in the outer can. It is almost entirely surrounded by water and has water beneath it, and has the most perfect constructed bottom, allowing every particle of milk to be drawn off without disturbing the cream.

3d. It has the only perfect faucet through which cream will flow freely.

4th. No lifting, no skimming. Milk apartment can be kept sweet and clean with as little labor as one crock can be kept clean.

5th. It can be cooled with any well water so that in from 4 to 6 hours your cream will be raised or you can leave it to set from one milking to the next and then find it sweet.

6th. Having undiluted sweet milk to feed and for house use soon pays cost of separator.

7th. In warm weather the water should be drawn off and fresh water added.

Much less water need be pumped in to keep milk cool than would be needed for like amount in crocks. The water department can be pumped full in one minute with an ordinary pump.

SINGLE STAR COOLER SEPARATORS.

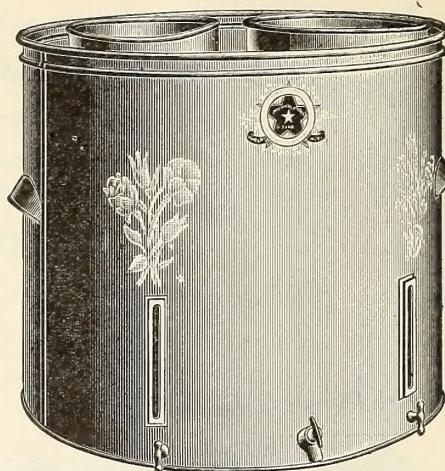
Without
Strainer Covers.

No. 000, capacity 1 cow, 14 quarts milk.....	\$3 00
No. 00, capacity 1 to 2 cows, 20 quarts milk.....	3 25
No. 01, capacity 2 to 3 cows, 25 quarts milk.....	3 75
No. 01½, capacity 3 to 4 cows, 35 quarts milk.....	4 00
No. 02, capacity 4 to 5 cows, 45 quarts milk.....	4 50
No. 03, capacity 6 to 8 cows, 65 quarts milk.....	5 00

Covers extra.

The Gordinier
Double Star Cooler Separator

MADE OF IXXX CHARCOAL TIN, and NO. 26 GALVANIZED IRON.



This separator is the same as the Single Star Cooler except that it has two inside cans. It is designed for and accomplishes a two-fold purpose.

1st. When a large size separator is required this style will do the work when all others fail, for the reason that the quantity of milk when equally divided between the two inside cans is only half as large as it would be if

put into a single can. The smaller the quantity of milk the quicker it can be cooled, and the quicker it can be cooled after milking the better the result will be.

2d. When water used is unusually warm, and satisfactory results cannot be obtained between milkings, the morning's milk can be put in one inside can and the night's milk in the other, letting each set 24 hours, if need be. This insures getting all the cream without the use of ice or extreme cold water. The time required depends entirely on the temperature of the water. The colder the water the quicker the cream will raise.

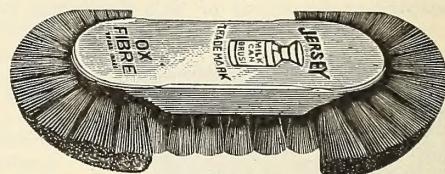
PRICE LIST OF THE DOUBLE STAR COOLER SEPARATOR.

Without
Strainer Covers.

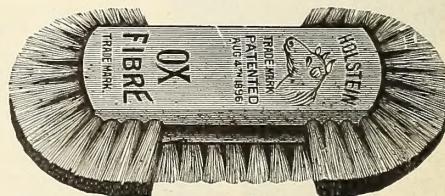
No. 001, capacity 50 quarts milk.....	\$5 50
No. 001½, capacity 70 quarts milk.....	6 25
No. 002, capacity 90 quarts milk.....	7 00
No. 003, capacity 130 quarts milk.....	8 50

Covers extra.

Brushes



JERSEY.

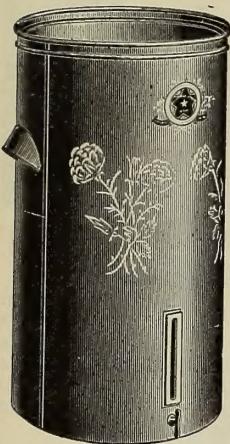


HOLSTEIN.

On account of their shape, are better adapted for general work around a dairy than any other brush on the market.

PRICES.

Holstein Brush, each.....	40c
Jersey Brush, each.....	30c
Several other styles, from 30c. to 50c.	

The Gordinier**Improved Star Separator**

Since Mr. Lawrence invented the process of separation by dilution there has been made and sold over one hundred thousand of the Star Separators. Within the past year they have been improved by putting on a perfect faucet, that will carry off the thick cream without clogging, and will not leak. Many have set aside their centrifugal separators and are using this.

The constantly increasing demand for this separator since its first introduction to the public seven years ago, is convincing evidence that it has fulfilled the claims which we have always made for it, that of being the Simplest and Most Effective device ever introduced for the Rapid and Perfect Separation of Cream for Milk.

Made of the Best 3 XXX Charcoal Tin, with concave bottom, the only perfect bottom, allowing all cream and

milk to be drawn off without disturbing the Separator.

SOME OF THE ADVANTAGES.

- 1st. It raises the cream in 1 to 3 hours.
- 2d. It is the most thorough, raising every particle of cream.
- 3d. It makes from 20 to 30 per cent. more butter than the old way.
- 4th. It makes a better quality of butter, as the process removes all objectionable matter in the milk, and leaves the cream perfectly pure.
- 5th. It does away with all crocks and pans; there is no skimming, nothing but one can to clean, which can be easily done as the milk never sours in can, consequently does not stick to same.
- 6th. It requires only a short trial to convince any practical butter maker of the advantages we claim for the Star Cream Separator.

Without
Strainer Covers.

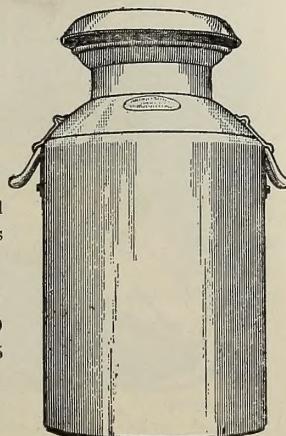
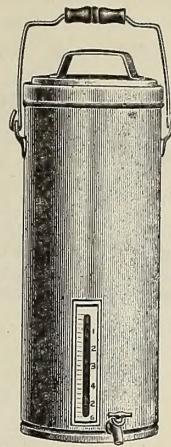
No. 10, capacity 1 cow, 24 quarts.....	\$2 00
No. 11, capacity 1 to 2 cows, 48 quarts.....	2 25
No. 12, capacity 3 to 4 cows, 88 quarts.....	2 75
No. 13, capacity 6 to 8 cows, 118 quarts.....	3 25
No. 14, capacity 8 to 10 cows, 130 quarts.....	3 75
No. 15, capacity 15 cows, 160 quarts.....	4 25

Covers extra.

Milk Cans**Gordinier's Special**

Made of the best material and well tinned. Gordinier guarantees this can.

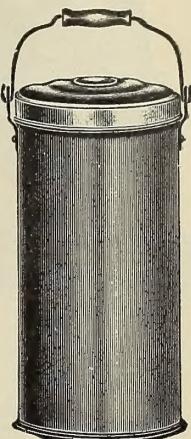
20 qt. can, each.....	\$2 15
30 qt. can, each.....	2 60
40 qt. can, each.....	2 75

**Cream Cans**

With and without faucet, made of XXX tin, very strong.

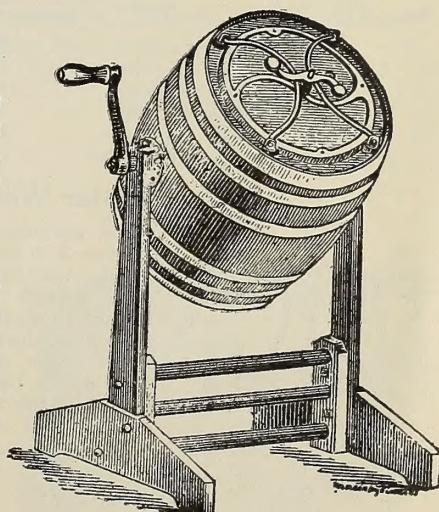
20 qt. can, without faucet, \$1.00 each.

20 qt. can, with faucet, \$1.25 each.

**Cylinder Churns**

This we consider by far the best churn on the market. It is made from the very best white pine. It has a double dasher and the crank is locked to the churn with a clamp and thumbscrew, which prevents leakage. The top is large and the dasher easily removed. The hoops are made of galvanized iron and will not rust.

No. 0, will churn 1 gal..	\$2 00
No. 1, will churn 2 gals.	2 25
No. 2, will churn 3 gals.	2 75
No. 3, will churn 4 gals.	3 25
No. 4, will churn 5 gals.	3 75

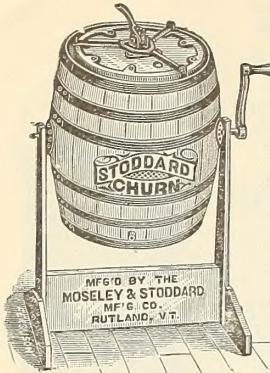
The Jackson Barrel Churn

This Churn is made of the best oak timber, has patent adjusting fastener for cover.

PRICES.

No. 0, 5 gal..	\$3 50
No. 1, 10 gal..	4 00
No. 2, 15 gal..	4 50
No. 3, 20 gal..	5 00
No. 4, 25 gal..	6 00
No. 5, 35 gal..	8 00

The Stoddard Churn



The Stoddard Churn is made by hand in the most thorough manner and of kiln-dried white oak. It will last for years. The principle is concussion, not friction—has no float nor paddle inside. It is easily operated, easily cleaned.

Prices—Dairy Size.

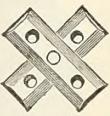
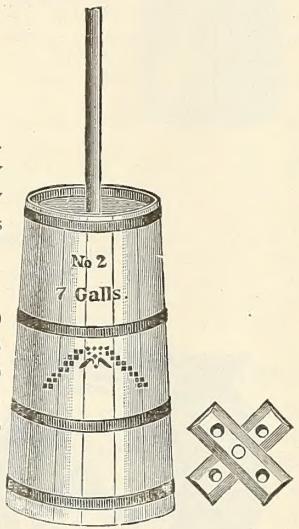
Holds Churns
No. 2, 15 gals., 7 gals..... \$8 50
No. 3, 20 gals., 9 gals..... 9 50
No. 4, 25 gals., 12 gals..... 12 50

Dash Churns

Sunken Lid Ash Dash Churn. The old way is considered by many the best, and we can safely recommend our Ash Dash Churns as the best churn made.

PRICES.

No. 0, 2 gal. capacity, each \$1 00
No. 1, 4 gal. capacity, each 1 25
No. 2, 4½ gal. capacity, each 1 50
No. 3, 5 gal. capacity, each 1 75
No. 4, 6 gal. capacity, each 2 00



The Davis Swing Churn

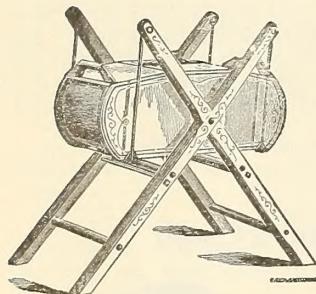
The principle governing the process of butter-making in the Davis Swing Churn is that the particles of cream come in contact with each other only, and are not unduly beaten by floats.

This is the regular frame, and is always sent unless specially ordered otherwise.

Extra for Tilting Frame, \$1.

Size.	Will churn.	Weight.	Price.
No. 1,	4 gal. or less,	55 lbs.	\$7 00
No. 2,	5 gal. or less,	59 lbs.	7 50
No. 3,	8 gal. or less,	73 lbs.	8 50
No. 4	10 gal. or less,	85 lbs.	10 00

Ask for prices on larger sizes.



Waters Butter Worker

The purpose of working butter is to free it from buttermilk and distribute the salt evenly through it. The Waters differs from most butter workers principally in the point that the tray, with the butter, moves under a stationary roller instead of the roller traveling over the butter in the tray.

Capacity.	Price.
1 lb. to 15 lbs., No. 0.....	\$6 50
5 lbs. to 30 lbs., No. 1.....	7 50
5 lbs. to 40 lbs., No. 2.....	8 50

Capacity.	Price.
1 lb. to 15 lbs., No. 0.....	\$6 50
5 lbs. to 30 lbs., No. 1.....	7 50
5 lbs. to 40 lbs., No. 2.....	8 50

Capacity.	Price.
1 lb. to 15 lbs., No. 0.....	\$6 50
5 lbs. to 30 lbs., No. 1.....	7 50
5 lbs. to 40 lbs., No. 2.....	8 50

Capacity.	Price.
1 lb. to 15 lbs., No. 0.....	\$6 50
5 lbs. to 30 lbs., No. 1.....	7 50
5 lbs. to 40 lbs., No. 2.....	8 50

Capacity.	Price.
1 lb. to 15 lbs., No. 0.....	\$6 50
5 lbs. to 30 lbs., No. 1.....	7 50
5 lbs. to 40 lbs., No. 2.....	8 50

Capacity.	Price.
1 lb. to 15 lbs., No. 0.....	\$6 50
5 lbs. to 30 lbs., No. 1.....	7 50
5 lbs. to 40 lbs., No. 2.....	8 50

Capacity.	Price.
1 lb. to 15 lbs., No. 0.....	\$6 50
5 lbs. to 30 lbs., No. 1.....	7 50
5 lbs. to 40 lbs., No. 2.....	8 50

Capacity.	Price.
1 lb. to 15 lbs., No. 0.....	\$6 50
5 lbs. to 30 lbs., No. 1.....	7 50
5 lbs. to 40 lbs., No. 2.....	8 50

Capacity.	Price.
1 lb. to 15 lbs., No. 0.....	\$6 50
5 lbs. to 30 lbs., No. 1.....	7 50
5 lbs. to 40 lbs., No. 2.....	8 50

Capacity.	Price.
1 lb. to 15 lbs., No. 0.....	\$6 50
5 lbs. to 30 lbs., No. 1.....	7 50
5 lbs. to 40 lbs., No. 2.....	8 50

Capacity.	Price.
1 lb. to 15 lbs., No. 0.....	\$6 50
5 lbs. to 30 lbs., No. 1.....	7 50
5 lbs. to 40 lbs., No. 2.....	8 50

Capacity.	Price.
1 lb. to 15 lbs., No. 0.....	\$6 50
5 lbs. to 30 lbs., No. 1.....	7 50
5 lbs. to 40 lbs., No. 2.....	8 50

Capacity.	Price.
1 lb. to 15 lbs., No. 0.....	\$6 50
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Capacity.	Price.
1 lb. to 15 lbs., No. 0.....	\$6 50
5 lbs. to 30 lbs., No. 1.....	7 50
5 lbs. to 40 lbs., No. 2.....	8 50

Capacity.	Price.

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LIST OF OUR REMEDIES



Watch every cow and at the first sign of disorder in appetite, digestion or flow of milk, give a dose of **KOW-KURE**. Carefully follow the directions as given on the box and that cow will get well.

KOW-KURE is in powder form, to be given in regular feed. It cures abortion, barrenness and scours, removes retained afterbirth and caked udder, strengthens the appetite, purifies the blood, vitalizes the nerves and prevents disease. It increases the milk. It is a medicine for cows only.

Prices, 50c. and \$1.00.

Butter Ladles

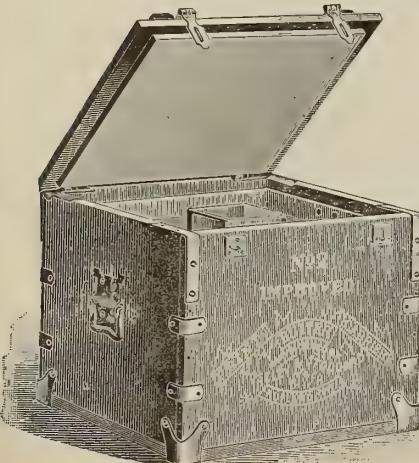
Each \$0 15

Butter Bowls

15-inch, each.....
17-inch, each.....
19-inch, each.....
21-inch, each..... } Ask for Price

MILK MEASURING STICKS, wood, each.....
MILK MEASURING STICKS, iron, each.....

**The Stoddard Improved Print
Butter Carriers**



Styles for pound, half-pound and quarter - pound prints

With or without ice box.

Keep the butter firm and fresh for transportation and preserve its moulded form.

All sizes. Write for prices.

**KOW-KURE.**

We recommend *Kow-Kure* for Scouring, Lost Appetite, Bunches or Red Water; especially for possible or Threatened Abortion, for Barrenness, for Retained Afterbirth, for Milk Fever. Hundreds of users testify that it helps increase the flow of milk from 10 to 20 per cent. It is a remedy made only for cows. Costs a cent a day per cow.

Price—Large size, \$1.00. Medium size, 50c.

BAG BALM.

We recommend *Bag Balm* for all diseases of udder and teats: Caked Bag, Sore Teats, Bunches, Chapping, Cuts, Inflammation, etc. It makes easy milkers of hard ones, keeps all the parts in a sanitary, healthful condition.

Price—50c.

**GRANGE GARGET CURE.**

We recommend *Grange Garget Cure* for that peculiar disorder so peculiar to cows, the hardening of the udder or garget. Inexperienced people often mistake it for caked bag, bunches in bag, etc. Remember it is a separate disease with its own peculiarities, causes, etc. Twenty-three years' use by dairymen and farmers proves its economy and value.

Price—Can, enough for 15 cases, 50c.

**AMERICAN HORSE TONIC.**

We recommend *American Horse Tonic* as a general improver for Horses. Hundreds of users tell us that horses look better, feel better, act livelier, are full of snap and ginger when they are given it. Besides this we recommend it as a Worm Expeller, for Lost Appetite, Rough Hair, Coughs, Inflammation of Lungs and Bowels, Stoppage of Water, Recent Founders, Distemper, etc.

Price—50c a box.

ASK FOR SPECIAL BOOK ON CATTLE REMEDIES.

Cork for Churn Covers

Enough for one churn..... \$0 50

Wyandotte Dairyman's Cleaner and Cleanser

Should be used in every dairy and household.
Price per package..... \$0 25

Carver**Butter****Printers**

Popular everywhere.

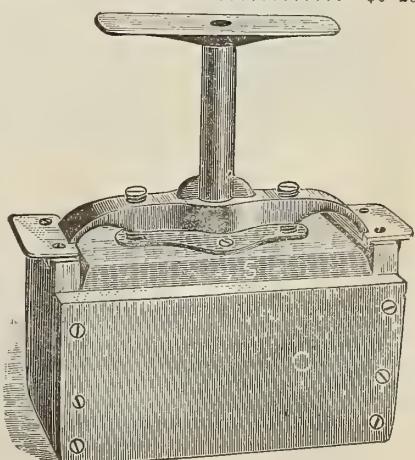
The cut shows the No. 2 mould and stamp enlarged.

Sold with prints engraved with checked stamp. For extra engraving, extra charge.

Special designs to order.

All dairymen know them; most dairymen use them.

Price, \$1.00 and \$2.00.



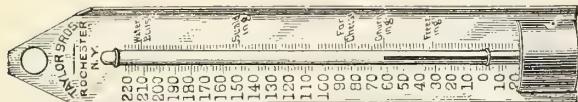
Floating Glass Thermometers.



Price, each..... 25c

Dairy Thermometers

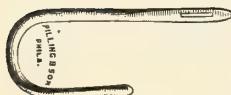
WITH RUBY TUBES.



Extra quality, nickel-plated flange edge. Graduated for dairy use, showing temperature of "freezing," "churning," "cheese-making," "scalding," etc.
Eight-inch, each..... 25c

Pilling Lead Probe

With Full Directions.

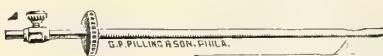


For the treatment of obstructed teats, also for enlarging the opening.

Three sizes: Small, Medium and Large, postpaid, 25 cents each.

Pilling Teat Bistoury

For Cutting Obstructed Teats.

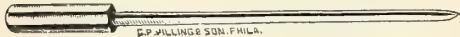


Price, \$1.50, with full directions.

Pilling Teat Expander

For hard milking cows. Postpaid, with full directions, 50 cents.

Pilling Teat Opener



Postpaid to any address, with full directions, on receipt of 75 cents.

Hard Milker Outfit



The Pilling Hard Milker Outfit is designed to remedy all those obstructions to free milking that annoy the dairyman.

Sent prepaid with full directions, \$3. "Easy to Use."

Pilling Cattle Case

No. 2

Contains \$15 worth "Easy to Use" case of instruments. Every cattle owner should have one. Sent prepaid at our expense, with full directions, on receipt of \$10.



Milking Tubes



FOR SORE AND OBSTRUCTED TEATS AND HARD MILKING COWS.

DIRECTIONS.—The long rounded end of the tube is inserted in the orifice of the teat, when the milk will flow without the use of the hands. It is best to wet the tube with a drop of milk or water before using. Remove tube when milk ceases to flow. If in some cases, the obstruction is further up the teat than can be passed by the regular length, you should have a longer tube, and as it can be made any length, answers for all purposes. German silver plated, 25c. each.

Blatchford's Calf Meal

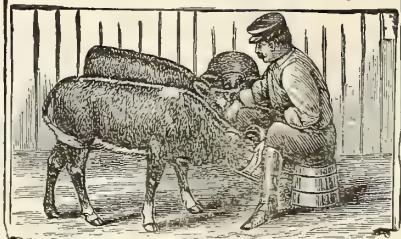
The Perfect Milk Substitute for Raising Calves. 100 lbs. of it Makes 100 Gallons of Rich, Nutritious Gruel.

HOW TO RAISE CALVES ON A MILK SUBSTITUTE.

It is becoming a general practice now for the farmer to add considerable to his income by raising his Calves on a Milk Substitute and selling the milk.

Blatchford's Calf Meal is a well-known substitute for Milk that has been on this market for twenty-five years and has

BLATCHFORD'S CALF MEAL



raised more fine, healthy Calves than any other Milk Substitute. You can take any Calf at any time after, say, five or six days old, and either raise or veal it successfully without any milk whatever, after the first two or three days whilst the change in diet is being made. Fed dry it is also an excellent preventive of "scouring."

DIRECTIONS FOR USE.

Take one pound or pint of Blatchford's Calf Meal, wet it with a pint of cold water and stir it free from lumps, mix it with six pints of boiling water, making a gallon of gruel. This gruel is worth equally as much as a gallon of milk and will do the Calf equally as much good. It is only necessary to use a little fresh milk in the gruel for the first two or three days, say two pints, and four pints of the boiling water; afterwards, feed it as above the same as you would milk, blood warm, as often and in the same quantities as you would fresh milk, increasing the quantity of Calf Meal—not liquids—as the Calf grows. This gallon of gruel has cost you not over four cents, and gives you a gruel whose fattening qualities are as high and the analysis of which is approximately the same as fresh milk.

If you have sweet skim milk and desire to use it, you can do so as follows:

Take eight pints of sweet skim milk and add to it four tablespoonfuls of Blatchford's Calf Meal. This will make the skim milk equally as nutritious as new whole milk. Feed this regularly at the same temperature and about the same quantity as new milk, say one gallon to each feed.

PRICES.

Write for special price on 500 pounds.

100-pound bag.....	\$3 50
50-pound bag.....	2 00
5-pound bag.....	1 00

The World's Best Cream Separator

The sale of Sharples Dairy Cream Separators easily exceeds the sale of most, if not all, other makes combined. That is pretty good proof that Tubulars are the most popular cream separators made.

Farmers and dairymen who have owned some common make of separator, and then seen a simple sanitary Sharples Dairy Tubular, are never sat-

isfied until they have discarded their common machine and get a Tubular. That is good evidence that Tubulars are the most satisfactory separators made.

People who know a mechanically correct and perfectly made cream separator pronounce the Tubular the simplest, lightest running, easiest operated, most durable, most efficient cream separator made. That is good evidence that Tubulars are built on the most scientific and common sense lines.

Years of service and hundreds of authentic public contests have proved that Tubulars in actual every day use skim two to ten times cleaner, skim faster, run easier and use less oil than



This tiny piece is the only piece used inside the light, simple, sanitary, easy to clean Sharples Dairy Tubular Cream Separator bowl. This same piece is shown in the picture on the left.

any other separator. Sharples Dairy Tubulars can also be washed in one-quarter to one-tenth the time required to clean common separators. That is practical proof that Tubulars are superior to all other separators.

Is any more evidence necessary to prove to you that Tubulars are The World's Best Cream Separators? These facts appeal so strongly to me that I prefer to sell Tubulars to any other separator made. For the same reasons you will prefer to buy a Tubular. Made in the world's biggest separator factory. Branch factories in Canada and Germany. The World's Best. Be sure to call and see the Tubular. Bring your wife in order that she may see how easy the Tubular is to clean.

PRICES.

No. 2, capacity 300 lbs. per hour....	\$55 00
No. 3, capacity 400 lbs. per hour....	65 00
No. 4, capacity 500 lbs. per hour....	75 00
No. 6, capacity 700 lbs. per hour....	90 00
No. 9, capacity 950 lbs. per hour....	110 00

Discount for Cash.

The simple, easy to operate, wear a lifetime, guaranteed forever Sharples Dairy Tubular Cream Separator. The machine with "The can that never moves". The World's Best.



The woman who insists on a Sharples Dairy Tubular Cream Separator will have no parts inside the bowl to wash, except this tiny, simple piece. Compare it with the right hand picture.

running, easiest operated, most durable, most efficient cream separator made. That is good evidence that Tubulars are built on the most scientific and common sense lines.



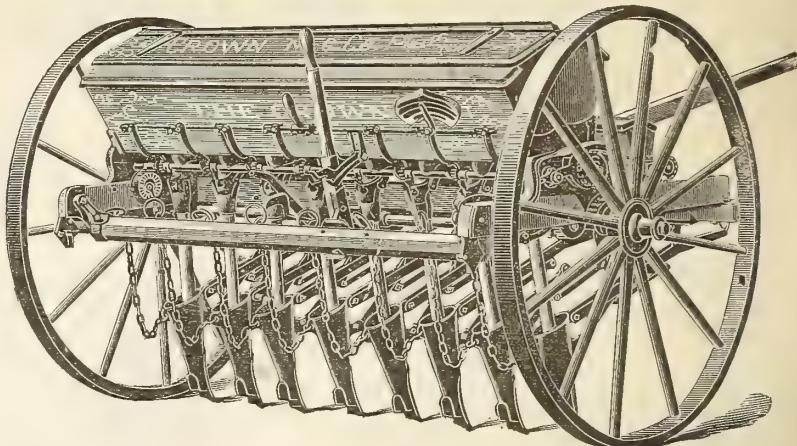
The woman who agrees to the purchase of a common separator will have 40 to 60 disks, or other parts equally as bad, inside the bowl to wash. She will soon wish she had a simple Tubular.

FARM IMPLEMENTS



The Crown Drill

The simplest and best Drill on the market; positive force feed; no loose cog wheels, light draught; no bunching the grain. We have sold this drill for 18 years.



REASONS FOR THE ACKNOWLEDGED SUPERIORITY OF THE CROWN DRILL.

Absolute, Positive Force Feed, for Grain, Grass Seed and Fertilizers.

The CROWN retains the old reliable Jessup Force Feed, improved—best in use.

The CROWN Grain Feed Wheels are bell shaped, giving the utmost capacity.

The CROWN will sow Kidney Beans, Dent Corn, Southern Corn, and Oats, or Beet Seed, without cracking or breaking. No extra attachment required to plant corn.

The CROWN has Gates or Gauges, actuated by a lever. When moved to graduations on a dial, indicated by a pointer, tells pounds, bushels, or fractions thereof, accurately.

The CROWN has no gears to alter, no loose wheels to change, no pinions to lose.

The CROWN has continuous polished steel axle.

The CROWN is geared direct to axle—imparts motion instantly.

The CROWN takes its power from both wheels by Ratchets in Hubs, thus avoiding side draft.

The CROWN sows right or left, or in circles, without loss of motion.

The CROWN can distribute damp or sticky fertilizers evenly.

The CROWN has the most perfect Fertilizer Attachment in the world.

The CROWN will sow plaster or ashes when others fail.

The CROWN has Shut-offs, in Grain and Phosphates, for drilling in rows.

The CROWN has a separate Grass Seeder Box by which seed can be sown either before or behind the hoes by a simple change.

The CROWN has a very simple Tube Shifter, to zigzag the hoes, and an accurate Land Measure.

The CROWN has a most perfect self-acting Spring Hoe. No stopping for rocks, stumps, roots, or stones. With this Spring Hoe the teeth can be pitched to sow deep or shallow, without moving a bolt. Double reversible steel points.

The CROWN is warranted to do good work.

The CROWN is the lightest draft Drill of any.

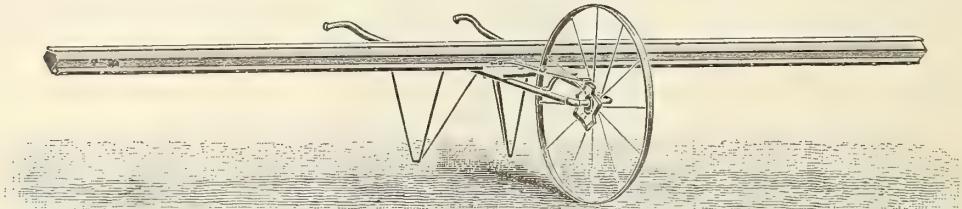
The CROWN is the finest finished Drill in the market—the leading Drill of to-day.

Discount for Cash.

10 Hoe Plain.....	\$75 00
11 Hoe Plain.....	80 00

ASK FOR BIG CROWN DRILL CATALOGUE.

Crown Wheelbarrow Grass Seeder



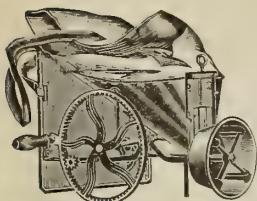
Best machine ever made to sow clover and timothy. Light, strong and durable. No gearing. No friction. More accurate than a geared machine. Wire agitator not affected by the weather like a cord. All-iron wheel, 30 inches in diameter, with broad rim, made like a bicycle wheel, and always runs true on hollow axle.

SIZES.

14-foot Hopper, Gas Pipe Frame.....	\$7 00
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Cahoon's Improved Broadcast

Seed Sower



Will sow all kinds of grass and grain seeds from 4 to 8 acres per hour at a common walking gait. Heavy seeds, such as wheat, it will throw 40 feet (20 from each side of the operator); lighter seeds, of course, will not be thrown so far.

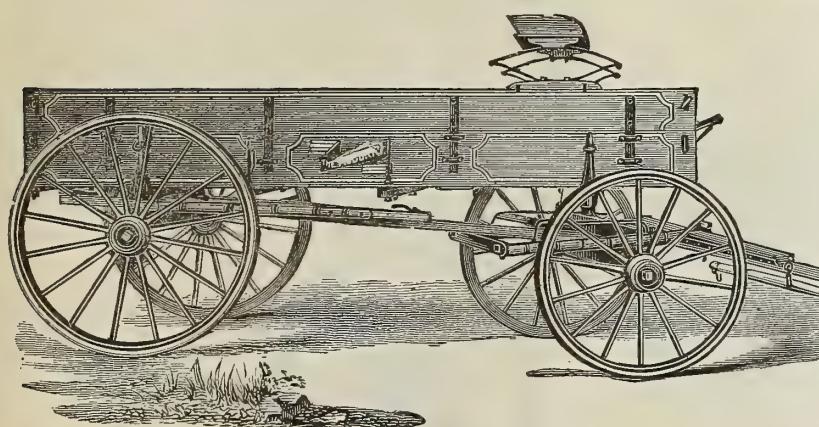
Price..... \$3 50

The Cyclone Broadcast Seeder



This is the cheapest and best of the hand seed sowers on the market, and every one sowing one acre or more of grass seed or grain cannot afford to be without it. Will sow Timothy, Clover, Wheat, Oats, Rye, Buckwheat, Hungarian, Red Top, Millet and all other grains and seeds perfectly even, and any desired amount to the acre, and from 40 to 60 acres a day. The machine is first-class in every respect. We guarantee the seeder to give satisfaction, or money refunded.

Net price..... \$1 75



The Capital Wagons

A FEW PRICES.

CAPITAL SARVEN WHEEL WAGONS.

Axle.	Tire.	Wheels 40-42. Gears, only.	
1 1/4 x 7,	One Horse,	\$36 00	
1 3/8 x 7 1/2,	One Horse,	39 00	Less 5%
1 5/8 x 8 1/2,	3-inch,	65 00	Cash.
1 3/4 x 9,	3-inch,	70 00	

CAPITAL WOOD HUB WHEELS.

Axle.	Tire.			
1 1/4,	3-inch,		\$65 00	{ 5% off
2,	3-inch	40-inch Bolster,	70 00	for Cash.

CAPITAL WAGON BOXES COMPLETE.

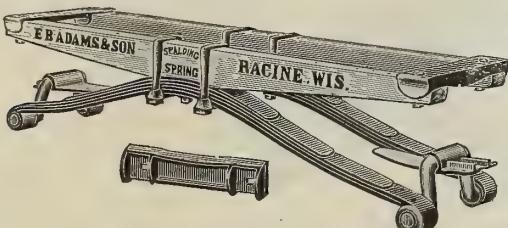
For 1 1/4 1 Horse Wagon.....	\$8 00
For 1 5/8 2 Horse Wagon, 13 ft. box.....	18 00

"Gordinier's Favorite" Bolster Spring
THE SPRING THEY ALL TRY TO IMITATE.

This cut shows the old style flat steel end plate, also the solid clip tie which we invented, and use on all Favorite Bolster Springs. Made for H. W. GORDINIER, Troy, N. Y. Best open hearth Steel, hard maple Bars, washers under all nuts.

"Best Bolster Spring Made."

Price per set of two springs like cut.



Width and No. of leaves.	Capacity.	Prices Pr. pair.	Wgt. per set for
1 1/2 x 3	1000 lbs.	38 in. 65 lbs.
1 1/2 x 4	1500 lbs.	\$5 00	75 lbs.
1 3/4 x 4	2000 lbs.	6 00	90 lbs.
1 3/4 x 5	2500 lbs.	6 75	100 lbs.

Width and No. of leaves.	Capacity.	Prices Pr. pair.	Wgt. per set for
2 x 5	3000 lbs.	\$7 25	38 in. 120 lbs.
2 x 6	4000 lbs.	8 00	135 lbs.
2 x 7	5000 lbs.	9 00	145 lbs.
2 1/2 x 6	6000 lbs.	11 00	175 lbs.

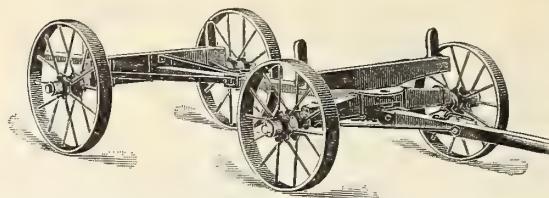
Springs of 1,000 to 2,500 pounds capacity, made of plain steel; all heavier made of ribbed steel. Odd springs furnished on short notice.

Springs 38 inches in length and furnished with regular end plates unless otherwise ordered. In ordering please state distance between Bolster Stakes, and the kind of end plate you want.

42 inch springs weigh 12 pounds per set more than 38 inch.

44 inch springs weigh 24 pounds per set more than 38 inch.

Gordinier's Special—HANDY STEEL FARM WAGONS AND WHEELS



BOLSTERS.—Our bolsters are made of good white oak with cast sockets bolted on side, so stakes are movable, and any length can be used for hauling rails, etc.

REACH.—We make reach of white oak, $4 \times 2\frac{1}{2}$ inches, by 12 feet long, adjustable for the ordinary wagon box, or hay ladders 16 feet long.

AXLES.—Our axles are solid steel, $1\frac{3}{4}$ inch in diameter, fastened on the bottom of a white oak piece 3×5 , with steel clips. Castings are bolted on end of wood and steel axle for collar and sand band.

On all our improved wagons we use nuts on the ends of axles instead of a linch pin. This makes a good, strong axle. There is no better made.

STANDARD GAUGE.—We make Standard Gauge, 5 feet from centre to centre of tires; 3 feet 6 inches between the standards.

BEST IN QUALITY—LOW IN PRICE.

Regular size wheels 28 and $34 \times 4 \times \frac{1}{2}$ with removable boxes and staggered spokes. These wagons will carry 5,000 pounds.

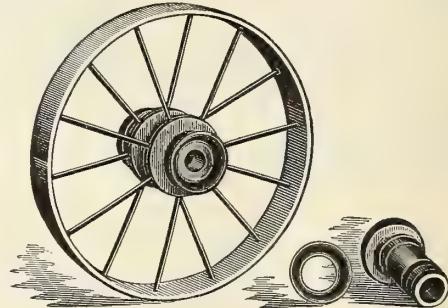
All Size Wheels Made to Fit Wagons and Implements.

PRICES.

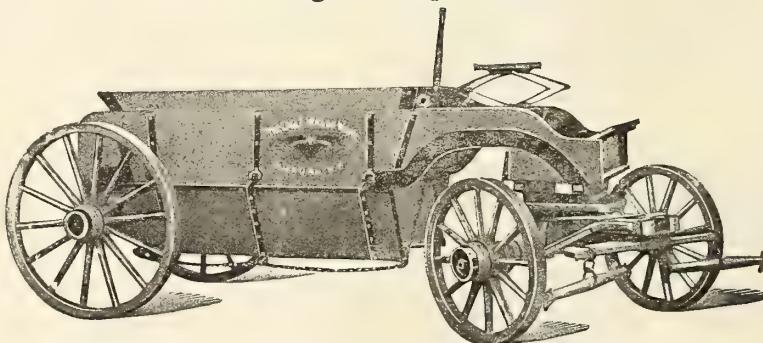
Wagons with tires $4 \times \frac{1}{2}$	\$32 00
Wagons with tires $5 \times \frac{1}{2}$	34 00
Wagons with tires $6 \times \frac{1}{2}$	36 00

Steel Wheels—All Sizes

Extra Wheels made to fit any wagon. Write for prices and specifications.



The Eagle Dump Wagon



Easy Seat.

Good Foot Board.

Winding Lever Handy.

Doors Always Tight.

A Two-Yard Wagon— $1\frac{1}{2}$ Yards by Removing Upper Top Box.

All Wagons fitted with Whiffletrees, Stay Chains, Spring Seat, Pole and Wrench. Whiffletrees under Pole, if not otherwise ordered. Always state whether Drop or Stiff Pole is wanted. We furnish Neckyoke with Drop Pole and Pole Chains with Stiff Pole.

PRICE.

1 $\frac{1}{2}$ -Yard Wagon, complete, 3-inch tire.....	\$125 00
2-Yard Wagon, complete, 3-inch tire.....	130 00

A SPECIAL DISCOUNT FOR CASH.

Wagon Shoes



2 inch tires.....		}
3 inch tires.....		
4 inch tires.....		
5 inch tires.....		
6 inch tires.....		

Per lb., \$0 04

Stevens Fertilizer Sower.

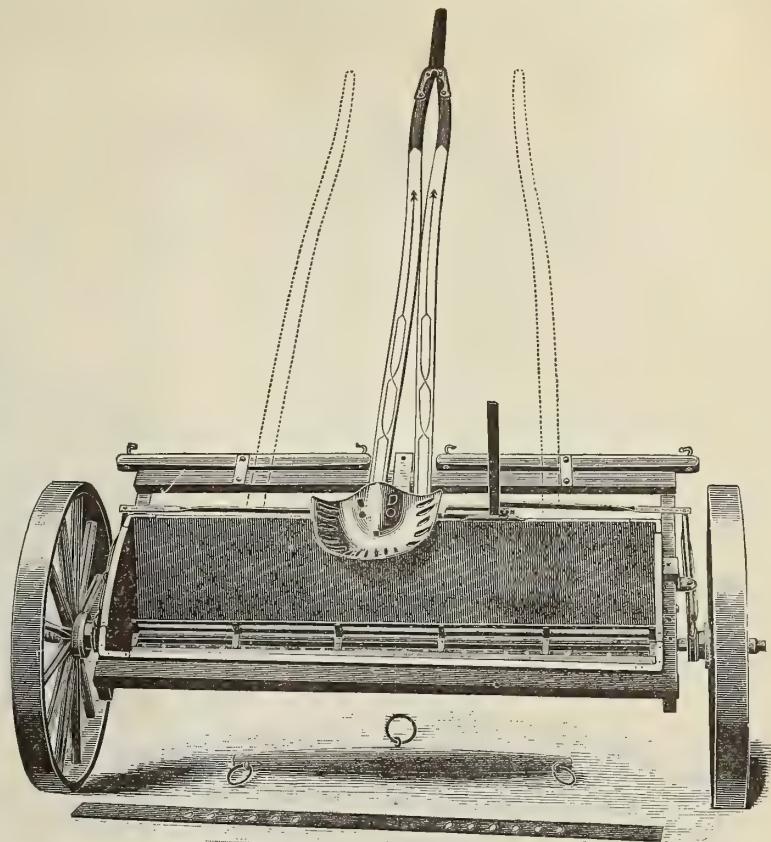
Made With All the Late Improvements.

Combining Simplicity, Strength and Durability, and Found Superior to All Others for Sowing All Kinds of Fertilizers Broadcast or in Drills.

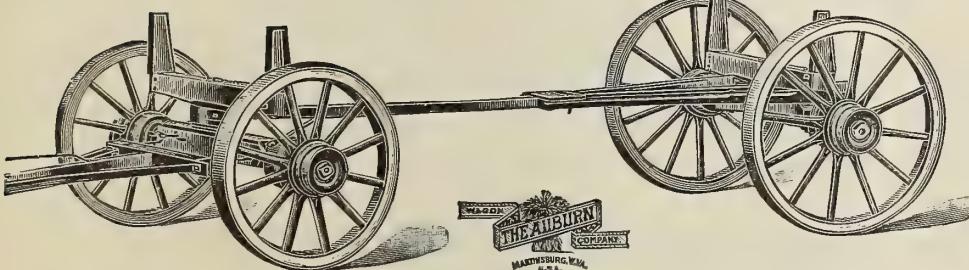
This machine is in great demand in all sections of the country, and has proved far superior to every other pattern for sowing lime, ashes, ground rock, phosphate and all commercial fertilizers, broadcast or in drills at the rate of 300 to 5,000 pounds per acre. It also sows rye, oats and barley, and that class of seeds. Special gauge for sowing grass seed.

It is low down and easy to fill. It is very light draft, even in soft land, as the wheels have tires 4 inches wide, also a ratchet hub which allows the turning of corners or completely around while in motion, or to back without throwing out of gear. Adjustable gauge attached to top of box so a uniform flow of fertilizer can be obtained. It is thrown in and out of gear by a lever operated by the foot. All parts are well made and durable.

Price 5 ft. 10 in.....	\$38 00
8 ft. 3 in.....	43 00
10 ft.	48 00



Farmers' "Low Down" Handy Wagon.



Substantially Ironed Throughout.
Wood Work Extra Heavy.

Dimensions: 3 1/4 Cast Skein or
1 1/2 Steel Axle; 4 x 3/8 Tire; Wood
Hub Wheels; 2 ft. 7 in. and 3 ft. 1
in. Club Stakes (removable).

The strongest and best finished
"handy-wagon" made.

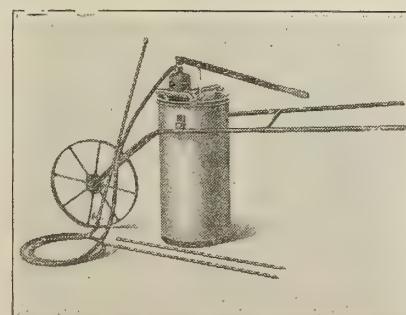
Painted, Striped, Varnished.

A wagon Gordinier can recom-
mend. Guaranteed.

Price, each..... \$40 00

"Ideal" Spraying Outfit.

This outfit has been designed to fill the requirements of the small orchardist, gardener and fruit grower. It is light, compact and easy to operate. The tank holds fifteen gallons, is mounted so that the liquid will not slop or spill, and in a way that makes it easy to handle. The pump spreads across the top of the tank and is held firmly in place by a thumb nut. It has the largest



air chamber of any spray pump of corresponding size. This enables the operator to keep a uniform pressure at the nozzle.

The pump barrel is 1 1/4 inches in diameter, 7 inches in length. The valves are bronze balls 5/8 inch in diameter, which allows free passage for the liquids and prevents clogging. Both valves are removable. The pump handle is of iron. It is extra long and a pressure of one hundred and fifty pounds can easily be maintained with it.

A mechanical agitator keeps the liquid well stirred. A fine strainer at the opening in the suction pipe prevents anything getting into the working parts of the pump. The pump has the following equipment:

- 10 feet 3/8 inch pressure hose
- 10 feet pipe extension, in three pieces.
- 1 T handle shut-off cock.
- 1 Brandt "Ideal" nozzle.
- Shipping weight, crated, 65 pounds.

Price, each, complete..... \$16 00

WATSON OSPRAYMO

"High Pressure," 4-Row Potato Sprayer.

Double wheel drive. Spray boom adjustable to follow the row. Entirely Automatic with Agitator and Brushes, which stir the liquid and keep the strainers clean.

Nozzles adjustable to rows from 2½ to 3 ft. apart. Wheels adjustable on axle any width from 52 in. to 72 in. apart, regularly fitted with thills for one horse.

THE AXLE—

The axle is 1 9-16 in. steel, supporting the platform through three bearings.

THE PUMP DRIVE—

The pump is driven by power taken from the wheels. Each wheel is connected to the axle through strong, substantial ratchets. A large sprocket securely fastened to the axle drives a smaller sprocket fastened to the gear board shaft by means of a chain having an ultimate strength of 1600 pounds. The sprockets and chain are always close to the platform and away from the wheels. This keeps the chain free from mud and greatly increases its life.

The gear frame is of a new design, much more simple than any hitherto made. It consists of a short, rugged casting, supporting a shaft by two long bearings. The small sprocket previously referred to drives the shaft through a clutch. This clutch is operated by a short lever permitting the driver to easily throw the pump in or out of gear. At the far end of the shaft is keyed a crank which drives the pump.

This improved drive eliminates all side draft on the horse and permits the use of spraying pressures only limited by the strength of the horse.

THE PUMP—

A double-cylinder pump, having all brass working parts, is used.

The cylinders are heavy seamless brass, 2½ in. by 8 in., **With no Leather or Rubber Packing Whatever.** Each cylinder draws its supply of liquid through separate short vertical suction pipes capped by strainers extending nearly to the bottom of the tank.

To keep the solutions thoroughly mixed an **Automatic Agitator** is provided.

THE AGITATOR—

A bar fitted with paddles and brushes is driven back and forth under the suction-strainers at every stroke of the pump. The **Brushes** are so fitted to the **Agitator** that at every sweep the strainers are automatically cleaned.

THE TANK—

A tank holding 60 gallons is regularly used, but a tank of 100 gallon capacity can be furnished at extra cost. This tank is made of carefully selected white pine held by five hoops.

THE PLATFORM—

The platform is of skeleton form as shown, made up of 5 inch wide hardwood strips. 50 inch stout wheels with 3 inch tires and 14 spokes are used. Provision is made for lubricating the hubs by suitable oil holes.

SPRAY BOOM—

An improved system of pipes and nozzles is provided. Single Tiger nozzles, adjustable to spray four rows from 2½ to 3 feet apart, are fastened to a cross pipe which, in turn, is connected to the discharge of the pump through extra strong 4-ply hose fitted with double clamps at each end.

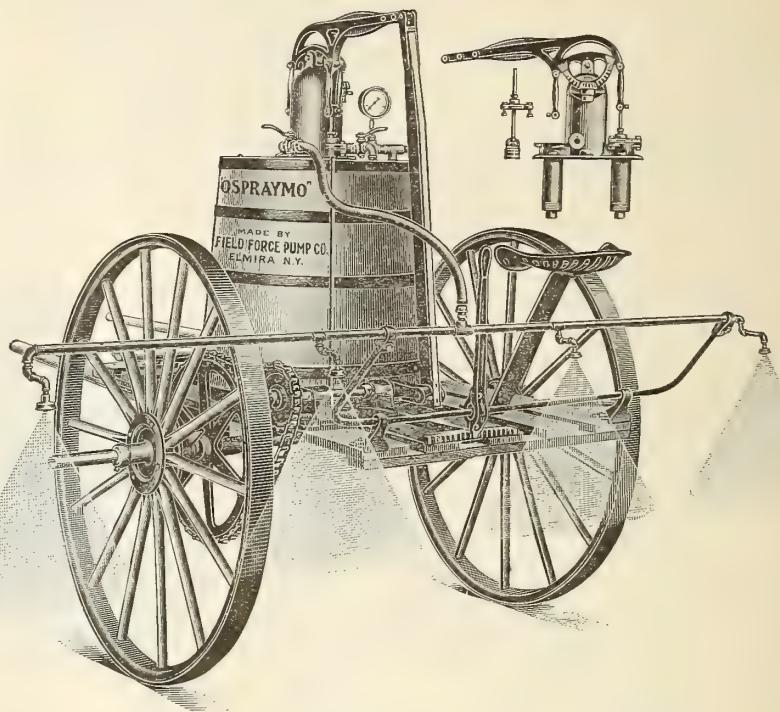
By a slight forward motion of the vertical lever shown in the above cut, the spray boom is freed and may then be shifted to follow the rows through a range of 12 inches. Upon releasing the shifting lever the boom locks itself in position.

Vertical adjustments with a range of 18 inches can be made in two minutes time. The Tiger Nozzles used give a fine spray forming a cone of large angle. The OSPRAYMO will spray from 30 to 40 acres for a day's work.

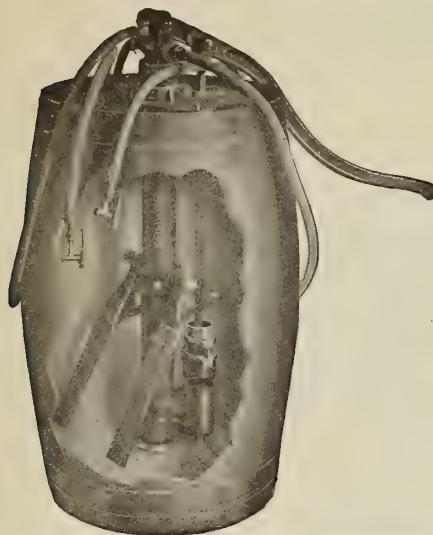
Shipping weight, 600 pounds.

Price, including pressure gauge..... \$75 00

For all brass pipes and fittings, outside as well as inside of tank, add \$8.00. With pole for two horses, in place of thills, no extra charge; for long neckyoke and long evener add \$3.25; for 100 gallon tank, in place of 60 gallon, add \$4.00.



The "Pomona"



OUTSIDE PACKED PLUNGERS

NO LEATHER PACKINGS.

For small orchards of a few trees or a few acres, a good barrel pump will meet every requirement and in fact where only low grade of labor can be secured, some prefer to use several barrel pumps rather than a power outfit.

We have devoted much time to the study of practical barrel sprayers, and it is with the utmost confidence we list our "Pomona" as

first in our complete line. It is unusually powerful, fully capable of supplying four leads of hose and eight nozzles. The working parts including the plunger, plunger connection, gland, valve, valve seats and strainer are of solid bronze. They are simple, accessible and easily removed. The pump has a steel air chamber extending from the top of the sprayer to the valve chamber, making it easy to get up sufficient pressure to continue spraying for some time after the pumping has stopped. It is equipped with a large adjustable lever producing 3, 4, or 5 inch strokes by simply removing and replacing a single bolt, thus varying the pump's capacity. The pump may be placed in any length barrel, as the barrel plate is adjustable. It is held firmly in place by this plate and a small anchor at the bottom of the barrel. The agitator is simple but very effective, operated by the same lever that works the sprayer.

The "Pomona" is considered a most satisfactory pump owing to its working parts being so situated that they may be easily removed and cleaned without disturbing any other portion of the pump. The pump is regularly made for the end of a barrel, but can be arranged for side of barrel if so ordered without extra charge.

PRICES.

Mounted	\$17 00
Unmounted	15 00

The Rhodes Double Cut Hand Pruners.

IN USE THROUGHOUT THE WORLD.

The only Pruning Shear made that cuts from both sides of the limb and does not bruise the bark.

All previous attempts to make a double cutting pruning shears have been failures, as the shear blades would draw together and cut themselves; but with our Double Cut Pruning Shears this difficulty has been overcome by the overlapping points, as you will notice by the cuts that the points of our shear pass by each other before they cut into the limb far enough to draw the blades, and it is impossible for the blades to draw together and cut themselves after the points pass by each other before they cut into the limb far enough to draw the blades, and it is impossible for the blades to draw together and cut themselves after the points pass each other.

Our Pruners are finely finished and are made from the best quality of material.

PRICES.

30 inch handles, each	\$2 00
36 inch handles, each	2 50

Kansas Pruning Knife, Improved.

A Fine Edge Tool. Keep it Fine.

To cut any limb close to the body, place the hook over the limb and pull straight on the handle. Do not jerk but pull quick, measuring the amount of pull required by the size of the limb. A little practice will teach you.

To cut small swinging branches attach a strong cord to the loose sleeve and pull on the cord not on the handle.

Do not cut large dead limbs—they are like iron.

Do not pry sidewise in cutting, the leverage is too great.

Keep the knife clean, sharp and well oiled that it will work free and to prevent rust.

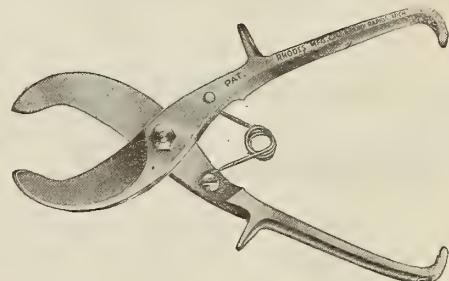
Do not grind, but sharpen with a whetstone.

The Kansas Pruning Knife is guaranteed against imperfect material or bad workmanship. Any part returned prepaid and showing any defect will be replaced without charge.

Price, each \$3 00

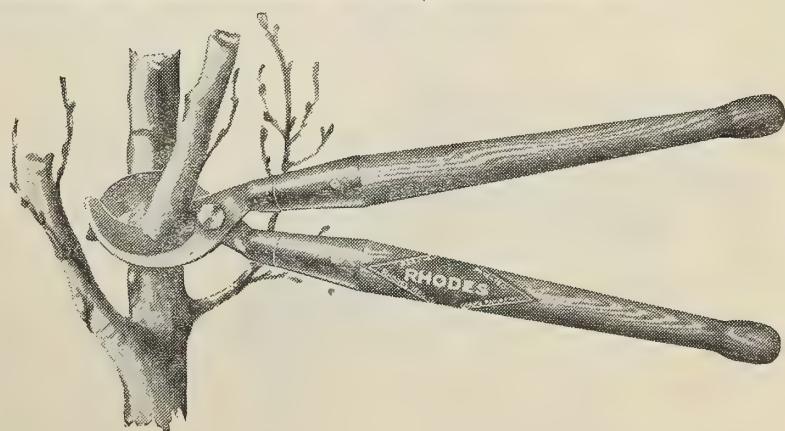
The Rhodes Double Cut Hand Pruners.

SOLID TOOL STEEL.



Made in One Size. Length, 9 inches.

Price, \$2.00.



GARDEN TOOLS



Steel Fork

Solid Shank Trowel



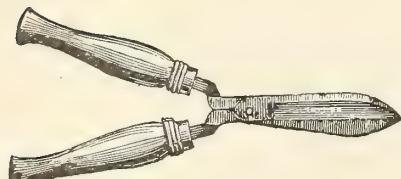
Excelsior



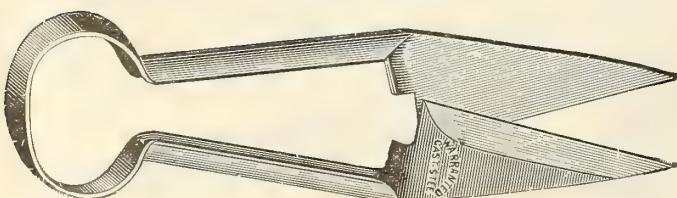
WIRE FRUIT PICKER.



Haseltine Weeder.



GRASS SHEARS.



Several makes, 25c. to 75c. each.

STEEL WEEDING FORKS—

Price, each..... \$0 10

WEEDING HOOKS—

Price, each..... 10

HAND PRUNING SHEARS—

Levin, No. 23, price, each..... 60

A. F. and Co., No. 1537, price, each..... 50

Gordinier's, price, each..... 1 00

Other styles from..... 60c to 2 00

WIRE FRUIT PICKERS—

With 10-foot handle, price, each..... 60

HASELTINE WEEDERS—

Price, each..... 25

PRUNERS—

Cronks, No. 9½, price, each..... 1 75

Cronks 36 inch handle, price, each..... 1 25

Hedge, No. 100, price, each..... 1 25

DIBBLERS—

Price, each..... 30

TROWELS.



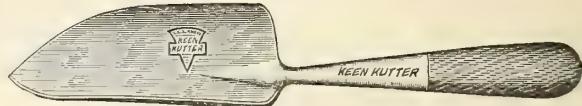
Transplanting, 15c. each.



English, 25c. each.



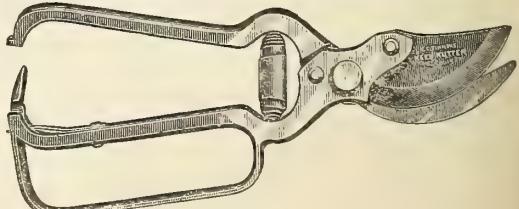
Solid Steel Shank, 50c. each.



"Keen Kutter," 50c. each.

Primrose, 10c. each.

KEEN KUTTER HAND PRUNER.



Each 75c.

Corn Hooks

Eureka	25c
Carver	35c
Acme	35c

Steel Sledges

Price, per pound..... 8c

Steel Splitting Wedges

Price, per pound..... 5c

Steel Crow Bars

Price, per pound..... 5c

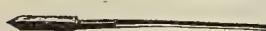
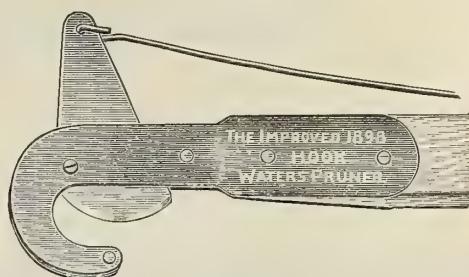
STEEL SLEDGES.



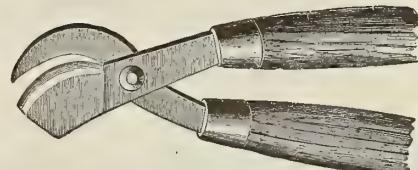
STEEL SPLITTING WEDGES.



STEEL CROW BARS.

**Pruners****WATERS'.**

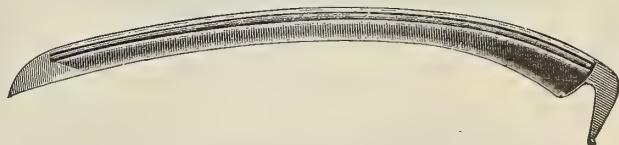
10 feet long, \$1.00.

**ROCKDALE.**

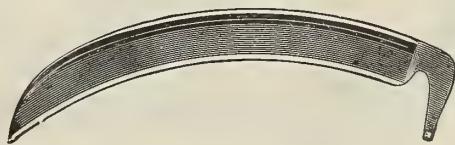
75c. and \$1.25.

Solid Steel Grass Scythes

75c. to \$1.

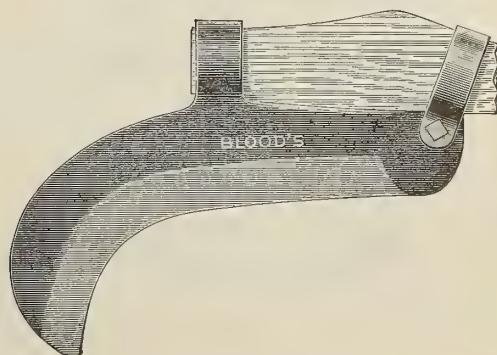
**Bush Scythes**

75c.

**Brush Hooks**

Axe-Handled.

75c.

**RAKE TEETH**

FOR ALL LEADING RAKES.

In ordering, either send old tooth or exact drawing and avoid errors.

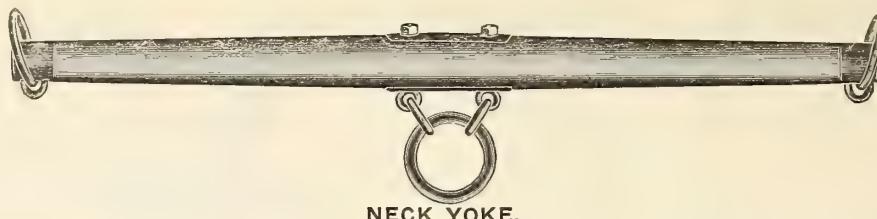
PRICE,

Copper Weather Vanes.

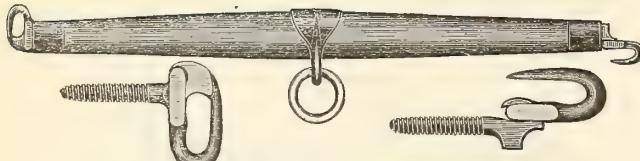
Gilded with Pure Gold Leaf.



Prices and Cuts of
other designs sent
upon application



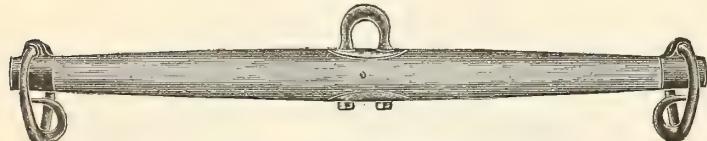
NECK YOKE.



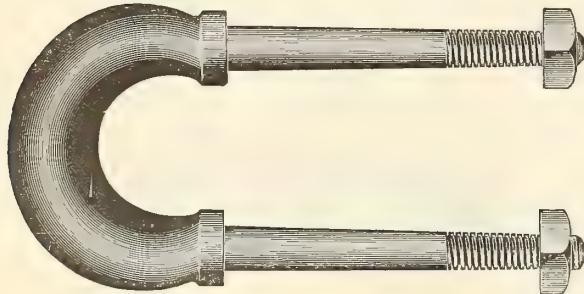
PLOW WHIFFLETREE.



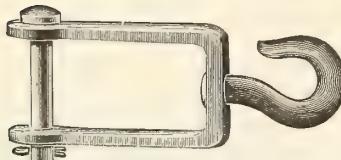
JOCKEY YOKE; or, SHORT NECK YOKE.



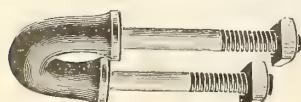
WAGON WHIFFLETREE.



EVENER STAPLE, No. 1660 D.



SWIVEL CLEVICE, No. 325.



WHIFFLETREE STAPLE, No. 1650 B.

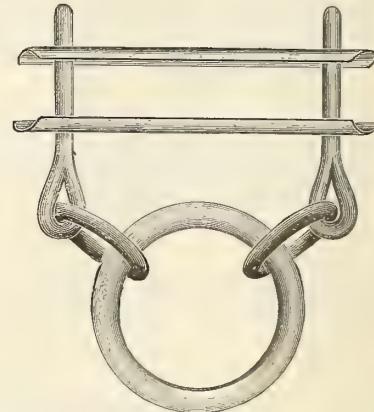
PRICES

Whiffletrees and Neck Yokes

Double Whiffletrees for wagons, per set.....	\$2 50
Double Whiffletrees for plowing, per set.....	2 00
Double Whiffletrees for 3-horse.....	3 50
Eveners, each.....	75
Whiffletree, each.....	75
Neck Yokes, each.....	1 25
Plow Single Trees, each.....	50

JOCKEY YOKES—

1 1/4 inch, each.....	40
1 7/8 inch, each.....	60
2 inch, each.....	70



NECK YOKE CENTRE IRON, No. 293.

PRICES

Whiffletree Trimmings

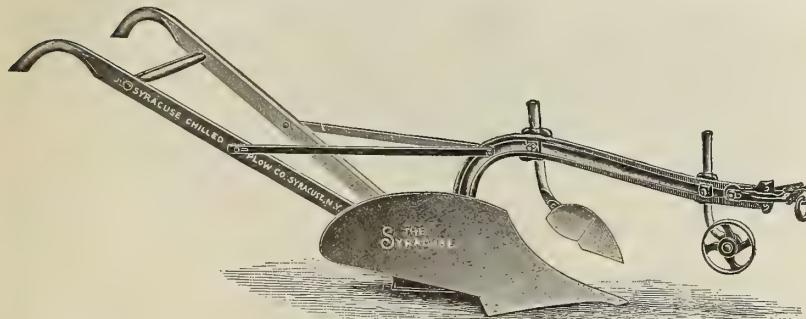
Single Tree Straps, No. 1570 A, each.....	\$0 10
Single Tree Hooks, No. 1580 D, each.....	10
Single Tree Staples, No. 1650 B, each.....	15
Evener Staple, No. 1660 D, each.....	25
Neck Yoke Centre Rings, No. 293, each.....	30
Double Tree Clevises, with Swivel Hook, No. 325, each..	35

SYRACUSE PLOWS AND HARROWS

WE OFFER THIS YEAR FOR THE FIRST TIME A FULL AND COMPLETE LINE OF SYRACUSE PLOWS, HARROWS AND REPAIRS. THEY NEED NO INTRODUCTION TO OUR CUSTOMERS, HAVING BEEN IN USE IN THIS IN THIS SECTION FOR YEARS. WE SELL ON TRIAL, AND IF NOT ENTIRELY SATISFACTORY THEY MAY BE RETURNED AND MONEY REFUNDED.

Syracuse Combination Plows, Nos. 31 and 32

STEEL MOLDBOARDS AND LAND STRIPS. CHILLED OR STEEL SHARES.



The Steel Landside is of extra height and furnished with a Cast Shoe, which can be renewed at slight expens.

The handles are both braced to the Beam and are adjustable to the height of the user.

We recommend these Plows to all parties desiring a perfect Combination Plow for general purpose work.

RIGHT HAND.

Size.	Furrow.	Weight, Plain.	Price
No. 32, Medium Two Horse,	5 to 7½ in. deep, 10 to 13 in. wide,	103 lbs.....	\$14 00
No. 31, Large Two Horse,	5 to 8 in. deep, 12 to 15 in. wide,	108 lbs.....	14 00

Syracuse Plows, Nos. 62 and 61

HARDENED STEEL MOLDBOARD, CHILLED

IRON SHIN PIECE AND LANDSIDE, CHILLED IRON OR STEEL SHARES.

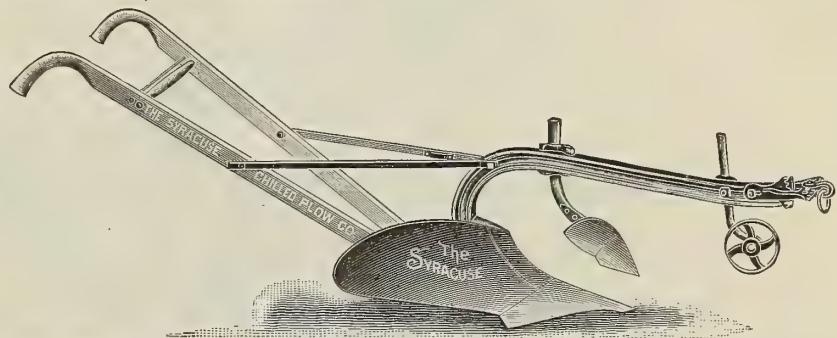
These Plows are modeled after the No. 31 and 32 Plows, but are made with a removable Chilled Iron Shin Piece. This Shin Piece detaches easily, being locked at the lower point and held in place by one bolt.

The Landside being made of Chilled Iron, can, when worn out, be replaced at small expense.

Made with highly tempered Hardened Steel Moldboard only.

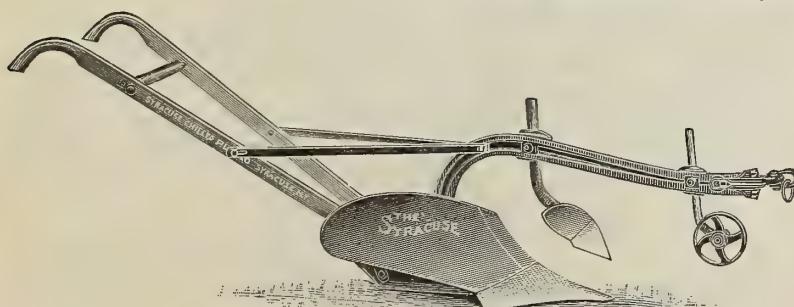
In this Plow we have a combination of strength, durability, light draft and excellent turning capacity at a low price.

No.	Furrow.	Weight, Plain	Price.
62, Medium Two Horse,	7 in. deep, 13 in. wide,	111 lbs....	\$13 00



Syracuse Plows, Nos. 401, 402 and 403

CHILLED WEARING PARTS, STEEL BEAM.



Right hand.

No.	Furrow.	Weight, plain.	Price.
No. 403, Light Two Horse,	4 to 6 in. deep, 9 to 12 in. wide,	110 lbs.....	\$12 00
No. 402, Medium Two Horse,	5 to 7 in. deep, 11 to 13 in. wide,	132 lbs.....	12 00
No. 401, Large Two Horse,	5 to 8 in. deep, 12 to 15 in. wide,	147 lbs.....	12 00

Chilled Iron Share.

Chilled Iron Landside.

Chilled Iron Moldboard with Separate Shin Piece.

Steel Beam, Jointer and Wheel Standards, warranted not to bend or break.

These are the best general purpose Chilled Plows made. The Moldboards have the same superior turning qualities of our No. 31 Combination Series described in Catalogue, but better adapted to gravelly or stony soils. They are of good capacity, steady running and handle easily, and are immensely popular in all sections where they have been introduced. We recommend them to all desirous of a perfect running Steel Beam Chilled Plow. They are made in both Right and Left Hand.

Syracuse Hillside Plows, No. 812

HARDENED STEEL MOLDBOARDS, CHILLED SHARES.

This Truss Beam Hillside Plow, possessing numerous valuable features which make them pre-eminently the leaders of their class. We mention briefly: A Steel Truss Beam, combining lightness with strength. An Automatic Uncloggable Jointer, a success in weedy land. An Automatic Colter always in line with cutting edge of the Share. An Automatic Steel Shifting Lever Clevis, changing line of draft. An Unequalled Spring Foot Latch with quickly adjustable tension. Patented Steel Frog Shield, lessening Moldboard breakages. A perfectly Adjustable Wheel, inclining forward or back, practically lengthening or shortening the Beam.

Furrow.

Weight, plain.

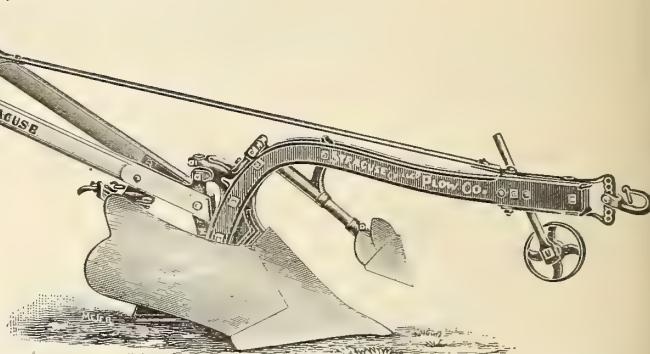
Price.

812, Medium Two Horse, 4 to 7 in. deep, 10 to 14 in. wide, 145 lbs., with Steel Moldboard.....

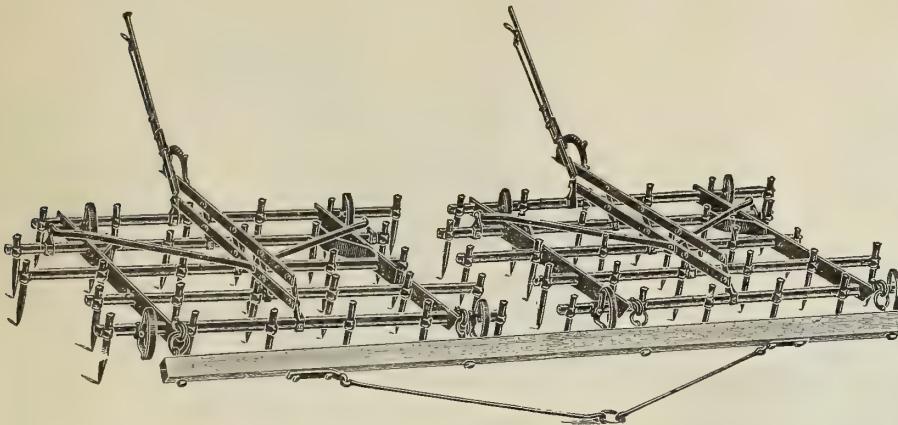
\$16 00

812, Medium Two Horse, 4 to 7 in. deep, 10 to 14 in. wide, 145 lbs., with Cast Moldboard.....

13 00



Syracuse Spike Tooth Harrows



Each section is furnished with a lever so without stopping the team; this enables the operator to clear the teeth of trash, or make it a Smoothing Harrow at will. With the teeth laid flat, the Harrow is supported at the corners by shoes, making it easy of transportation. Sections are made with five bars of U-bar Steel, well braced, which hold twenty-five or thirty $\frac{1}{2}$ or $\frac{5}{8}$ -inch steel teeth. Each tooth is securely held in malleable holders with one bolt, and the holders constructed so that teeth of $\frac{1}{2}$ or $\frac{5}{8}$ -inch can be used.

The cross bars are of heavy steel, well braced, making a strong and durable Harrow. The sections are fastened to the draw bar, so as to be independent of each other, and to turn readily without lapping.

Sizes and Weights.

Number of Teeth.	Number of Sections.	Width of Cut.	Weight with Evener. $\frac{5}{8}$ -in. Teeth.	PRICE
50	2	8 ft. 2 in.	240 lbs.	\$12 00
60	2	9 ft. 10 in.	270 lbs.	13 00

Syracuse Reversible Sulky Plow

HARDENED STEEL MOLDBOARDS AND STEEL STRIPS. CHILLED OR STEEL SHARES.

For Two or Three Horses, as ordered Does Perfect Work on Hillside or Level Land. No Ridges or Dead Furrows.

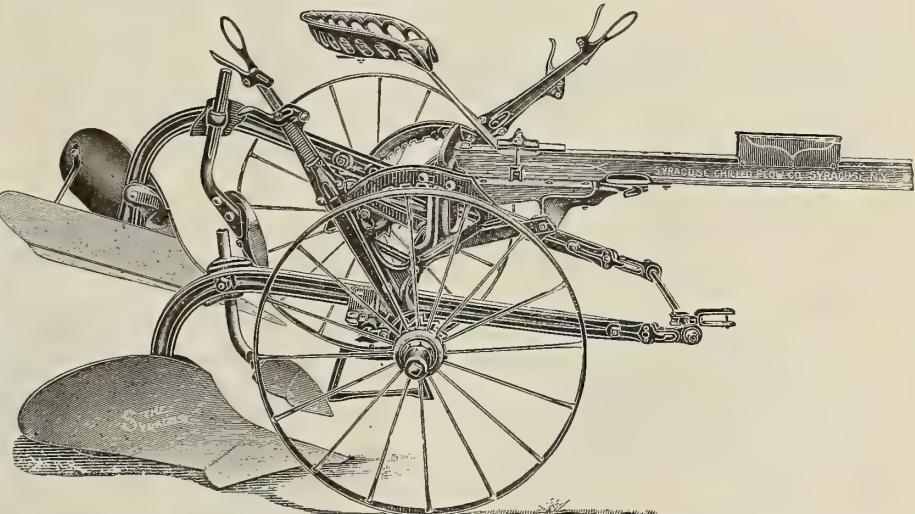
The Only Successful Hillside Sulky Made. Steel Wheels with Removable Chilled Boxes and Dust-proof Caps. The Beams, Jointer Standards and Bails are of Steel.

The demand for this kind of Riding Plow has increased rapidly of late years, as the feature of having level fields without dead furrows or ridges has commended it to numbers of our most successful farmers. This is also true of the United States Experiment Stations, who are to a large extent users of this sulky, they having found it without an equal for experimental work. While there have been in the past, numerous attempts to build a Plow of this class, the Syracuse is the only one that has stood the test of years, as is evidenced by its unprecedented popularity, with present large sale.

As it appears in the cut, two Flat Land Plows are mounted on separate Steel beams, and the movements of each controlled by a separate lever. In use one plow is raised, while the other turns the furrow. At the end of the furrow this plow is raised by pressing down the lower handle of the lever which transfers the labor to the team and automatically unlocks the Plow when clear from the ground, leaving the driver both hands with which to manage his horses in turning. After the turn is made and the other plow lowered, the whiffletrees slide automatically to place at the end of the long clevis of the working Plow, so that the Plow draws in line of draft.

(All Castings are Malleable.)

The Beams and Bails which carry the Plows are of Steel, with ratchets, main levers and castings of malleable iron. The Wheels are of steel and run on steel axles. The Hubs have Boxes of chilled iron, which are renewable and add greatly to their wear.

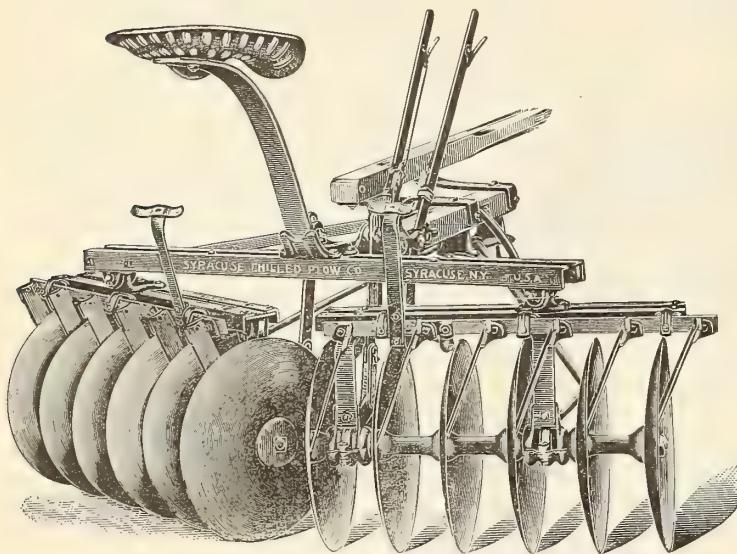


Right Hand.	Left Hand.	Furrow.	Weight.	Price.
No. 32	37	3 to 9 in. deep, 11 to 14 in. wide.	556 lbs.....	
No. 31	39	4 to 10 in. deep, 12 to 16 in. wide.	560 lbs.....	\$45 00
No. 1422	1322	4 to 10 in. deep, 12 to 16 in. wide.	552 lbs.....	

Syracuse Steel Frame Disc Harrow

WITH ROUND OR CUT OUT DISC.

Unrivaled for Cutting Up Sod, or Hard Baked Clay and Lumpy Ground.



in position by a secondary spring, and operated by a pivoted foot treadle at end.

Discs.—Oil-tempered Steel Discs, either round or cut, are furnished, the latter being sent only on special orders.

All our Disc Harrows are furnished with set over pole for use with two or three horses.

Description.	Cut.	Evener.	Description.	Cut.	Evener.
8 discs, 16 in.	4½ feet	2 horse	14 discs, 18 in.	7½ feet	4 horse
10 discs, 16 in.	5½ feet	2 horse	16 discs, 18 in.	8½ feet	4 horse
12 discs, 16 in.	6½ feet	3 horse	8 discs, 20 in.	4½ feet	2 horse
14 discs, 16 in.	7½ feet	4 horse	10 discs, 20 in.	5½ feet	3 horse
16 discs, 16 in.	8½ feet	4 horse	12 discs, 20 in.	6½ feet	3 horse
8 discs, 18 in.	4½ feet	2 horse	14 discs, 20 in.	7½ feet	4 horse
10 discs, 18 in.	5½ feet	3 horse	16 discs, 20 in.	8½ feet	4 horse
12 discs, 18 in.	6½ feet	3 horse			
12 discs, 16 in., 6½ ft. cut, 3 horse evener.					\$23 00
12 discs, 18 in., 6½ ft. cut, 3 horse evener.					25 00
12 discs, 20 in., 6½ ft. cut, 3 horse evener.					28 00

A Syracuse Seven-Tooth Cultivator

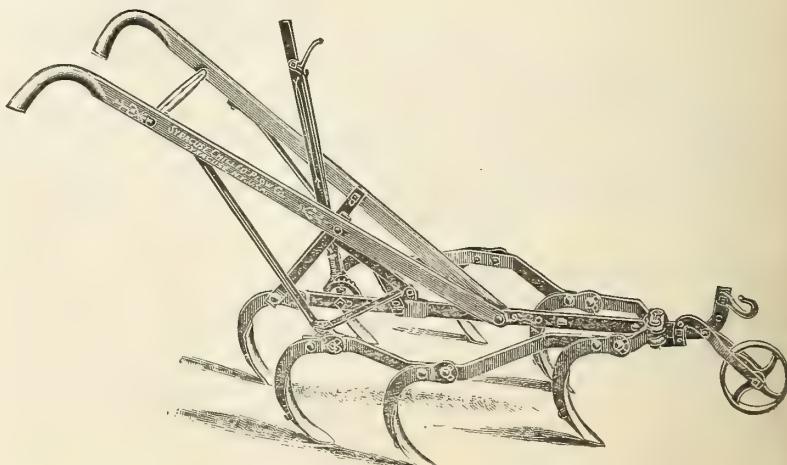
THE SUPERIOR OF ALL PREVIOUS SEVEN-TOOTH CULTIVATORS.

No. 41. Weight 66 lbs.

This is an unusually strong, all steel, long framed and well braced Cultivator, fitted regularly with seven 2 inch reversible teeth.

The Syracuse Frame.—We use a special farce so formed that the rear pair of teeth come just inside of the pair forward; this forward outside pair cultivate up close to the row and the furrows they leave are filled up and the earth pushed back on the roots again by the pair of teeth following.

PRICE \$5.50.





Syracuse Steel Frame Cultivator

No. 128.

Strong and rigid frame.
Adjustable throughout.
Expands easily without getting on dead centre.
Perfect Lever Wheel Adjustment.

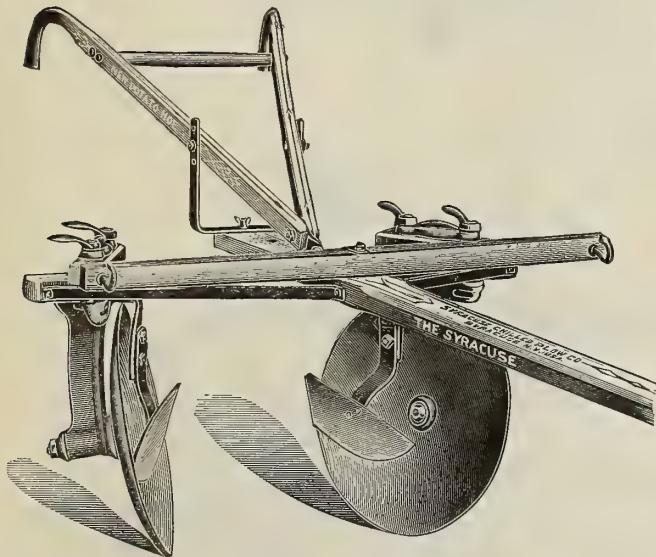
PRICE \$4.50.



The Syracuse Perfect Barrow

For conveying concrete, mortar, sand, gravel, cement, fertilizer, manure, etc.

PRICE, \$4.50.



The Syracuse Disc Potatoe Hoe

Note the slant of the Discs and the shape of the Scraper Blades
Read below what we say about these features.

The Standards of the Syracuse Disc Hoe as shown in illustrations have a pronounced inward tilt. This position gives a corresponding slant to the discs, with the result that the discs enter the ground easily and quickly and hold to their work.

This slant of the standards and discs also permits their being set at an easier angle on the frame, thus greatly lessening the draft.

The Discs are 20 inch, made of the finest steel, oil tempered, polished and sharpened. They revolve on cup-shaped chilled bearings which are well incased, thus excluding dust and dirt and retaining the oil.

PRICE \$9.00.

The New Deere No. 9 Corn Planter

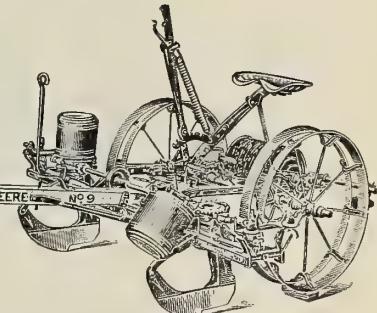
In this illustration we present a most strictly up-to-date Check Row Corn Planter, either plain or with fertilizer attachment. It will not crack the corn nor clog, and the feed is in plain sight of the driver at all times. No tools or extra parts are required when changing from hillling to drilling, or vice versa. Since all parts subject to strain are made of either steel or malleable iron, durability in this corn planter is a certainty. Because of the few parts used in its construction, it is simple, convenient to operate and the best Check Row Corn Planter on the market.

Combines extreme accuracy of drop with simplicity and convenience. Fewer parts and less working joints than any other planter. Always ready for either hillling or drilling.

Perfect Tip-over Hoppers.

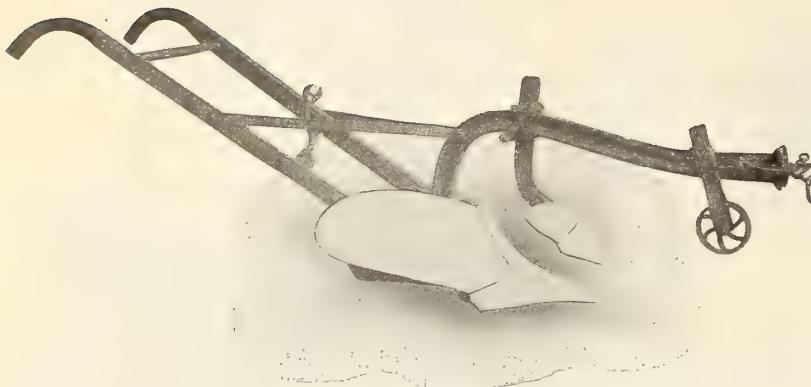
Guaranteed by Gordinier. Complete Catalogue Free.

Price, Complete, with Fertilizer Attachment..... \$55 00



THE EDDY PLOW—Much Talked About

No. 5A-12.



PRICE \$14.00.

The No. 5A-12 is especially designed for general purpose plow, and is the most perfect scouring, as well as the lightest draft plow yet made, and absolutely guaranteed.

5 REASONS why you should try this Plow.

Moldboard of chilled or soft centre steel characterized by long, easy turn of the moldboard which adapts them for use in the most difficult soil.

Standard is securely bolted to the beam, enabling the user to remove mold board, point, landside, in fact have every part renewed without changing the set of beam.

Horn point or Share an entirely new shin piece or cutting edge when share is renewed.

3 Bolt Landside replaces your wornout landside in less than half the time and less than half the bolts used in any other plow.

Land side with Slip Heel. As the Heel is made of chilled cast iron is adjustable to wear and can be removed and replaced for a trifle and increasing the life of your land side many times.

"If an Eddy always ready."

EDDY TWO-WAY SULKY PLOW

Capacity.

No. 25-D, 3 to 9 inches deep by 12 to 14 inches wide.

No. 25-D-16, 3 to 9 inches deep by 13 to 16 inches wide.

Mold boards chilled iron or soft centre steel.

Chilled shares, weight 550 lbs.

No Dead Furrows.

Eddy Sulky Plow consists of a pair of right and left hand plows, operated by separate levers, each lever being so made as to regulate, not only depth of cut, but to operate a power lift for raising the plows out of the ground. It is a well constructed implement, being principally steel and malleable iron. The axle or bale is steel. The levers and other castings are malleable iron. The wheels are steel with large staggard spokes, making a stronger wheel than is used by some others. They have dust proof removable boxes.

The lift is done entirely by the team, a slight pressure of the foot or lifting lug transfers the labor to the team and unlocks the Plow automatically.

The furrow wheel moves ahead of the Plow in proportion to the depth of furrow turned, preventing the earth from being thrown into wheel.

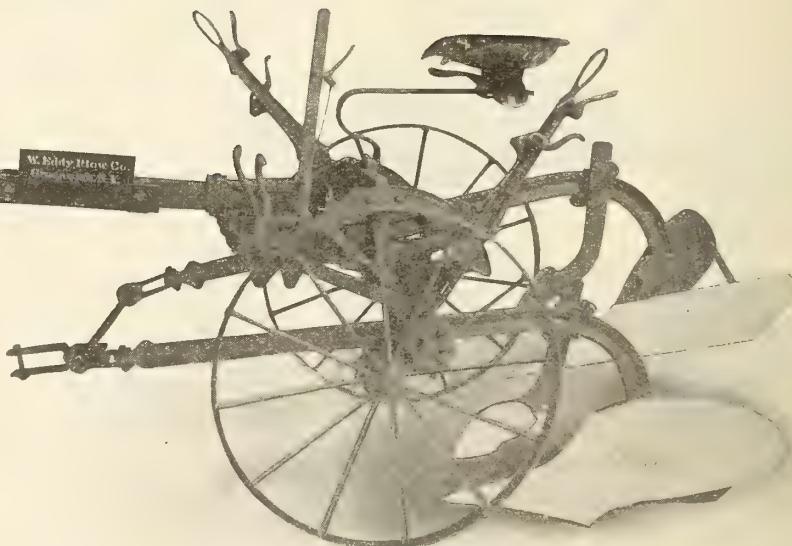
We sell the Sulky with either Right or Left Hand Plow on it, where the two-way plow is not desired, this makes a first-class plow at less price.

Greatest Strength. Least Weight. And an Eddy.

PRICE \$45.00.

HANDY HAND TRIP.

AUTO FOOT TRIP.



Eddy's Rough and Ready Plows

Soil being the first feature to look after, it clearly follows that the tillage in good form is essential. This should be done by using the best plows adapted to the farmer's soil, and those that are durable and can be repaired at reasonable cost. THE EDDY "ROUGH AND READY" PLOWS have these features, and their reputation for the past seventy years, during which they have constantly been before the farmer, sustains our claims fully. Ask for Big Catalogue.

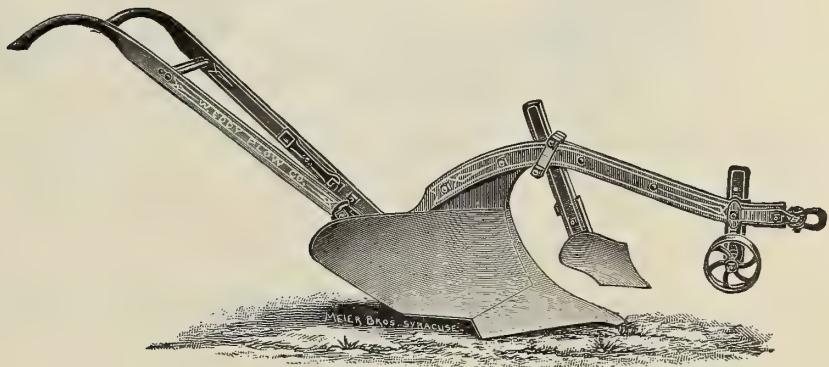
We have sold hundreds of these plows in the last twenty-five years and guarantee them to be perfectly satisfactory in every way. **REMEMBER GORDINIER CARRIES A FULL LINE OF REPAIRS.**

No. 25, Eddy Steel Plow, full rigged.....	\$13 00
No. 26, Eddy Steel Plow, chilled mouldboard, full rigged.....	12 00
No. 4-S, Eddy Steel Plow, steel mouldboard, full rigged.....	13 00
No. 5-A, Eddy Steel Plow, steel mouldboard, full rigged.....	14 00
No. 2, Eddy Steel Plow, chilled mouldboard, plain.....	9 50
No. 2, Eddy Side Hill Plow, chilled mouldboard, plain.....	9 50
No. 9, Eddy One-Horse Plow, plain.....	5 50
No. C. O, Eddy One-Horse Plow, with draft rod, plain.....	7 50
Eddy Shovel Plow, plain.....	5 00
No. 24, Cast Beam Plow, one horse, plain.....	6 50
No. 15, Contractors' Plow.....	16 00
No. 37, One-Horse Garden Plow.....	6 50



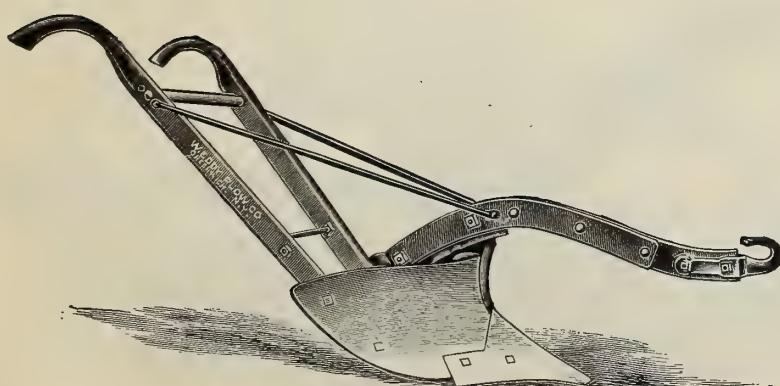
No. 25—Steel-Beam Plow

We can not recommend this plow too highly for general-purpose work. A light two-horse plow that cuts from 12 to 14 inches.



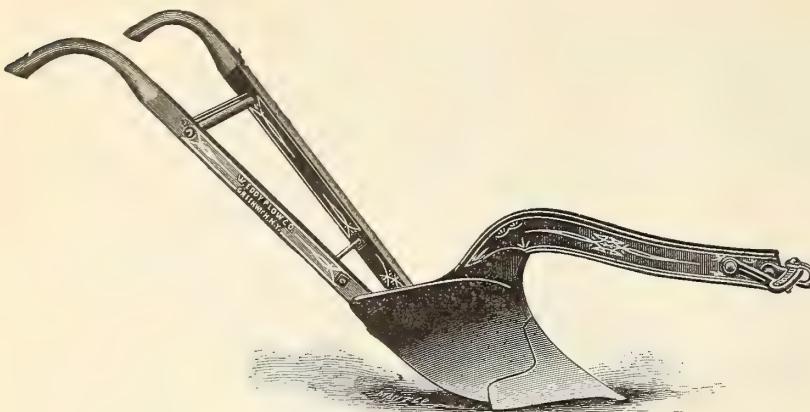
No. 4-S—Steel Beam Plow

A short Steel-Beam Plow. One of our big sellers. Cuts from 12 to 14 inches. Weight 100 lbs.



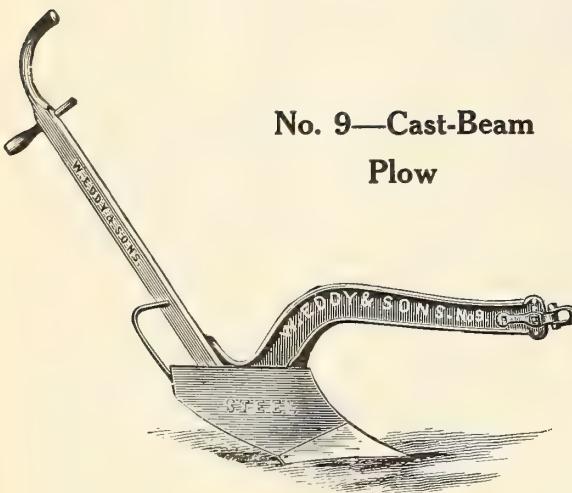
No. 15—Contractor's Plow

This is a powerful plow of short construction and will take hold where others fail. It is especially constructed for heavy road work, grading, etc. Weight 170 lbs.



No. 24—One-Horse Cast-Beam Plow

For a light one-horse plow this is one of the best. Has adjustable clevice. Cuts 10 inches. Weight 50 lbs.



No. 9—Cast-Beam Plow

Made with one or two handles. Steel mouldboard. Weight 40 lbs.

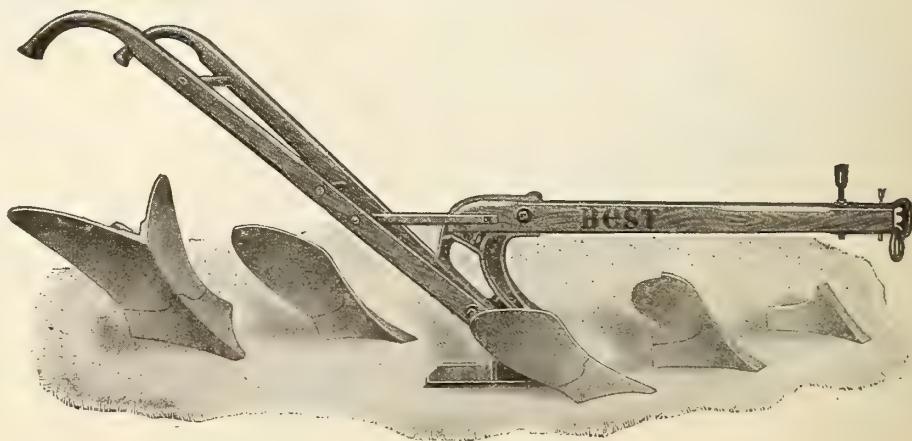


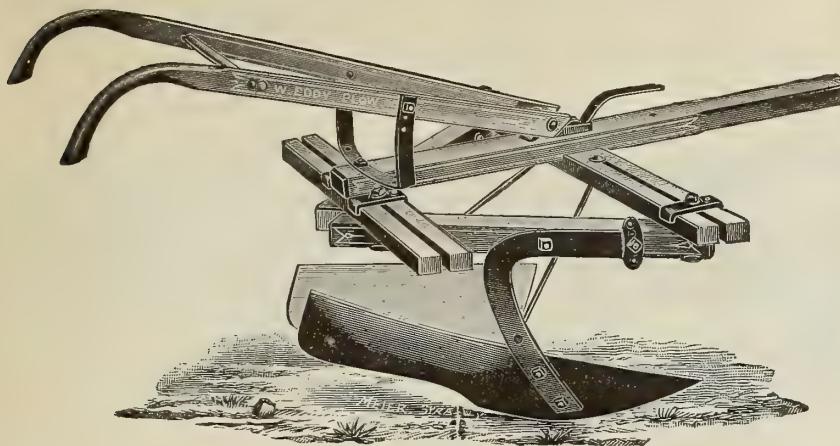
Wings and point of steel with wings adjustable to rows from 2 to 4 feet wide. This is one of Gordinier's big sellers. Weight 50 lbs.

Garden Plow—Gordinier's Best Plow for Gardeners

This is the plow used so much by the market gardeners of Long Island. It turns a nice furrow, turning under weeds and grass, and is actually four plows in one complete plow. No. 1½ mouldboard and share makes a large one-horse plow. No. 2½ Mouldboard and share making a medium-sized one-horse plow, a cabbage mouldboard and share making a complete cabbage plow, and by using the plow without the mouldboard with the small share bolted to the standard makes a superior plow for working among cabbage, strawberries, etc. When the double mouldboard is used you have a fine plow for hilling, furrowing, etc.

Four Plows in One, complete, \$6 50.





**The Eddy Potato Coverer
and Horse Hoe No. 11**

It has steel standards and blades, adjustable frame and side adjusting handles, thoroughly braced, and will cover potatoes as fast as a team will walk, in excellent manner. It is a first-class hillier; it cannot be clogged, having a high frame giving great clearance capacity.

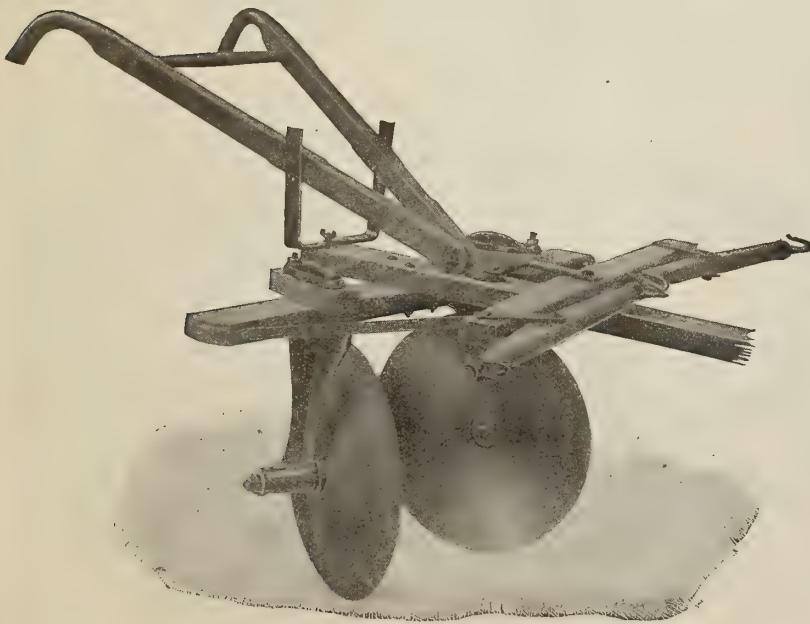
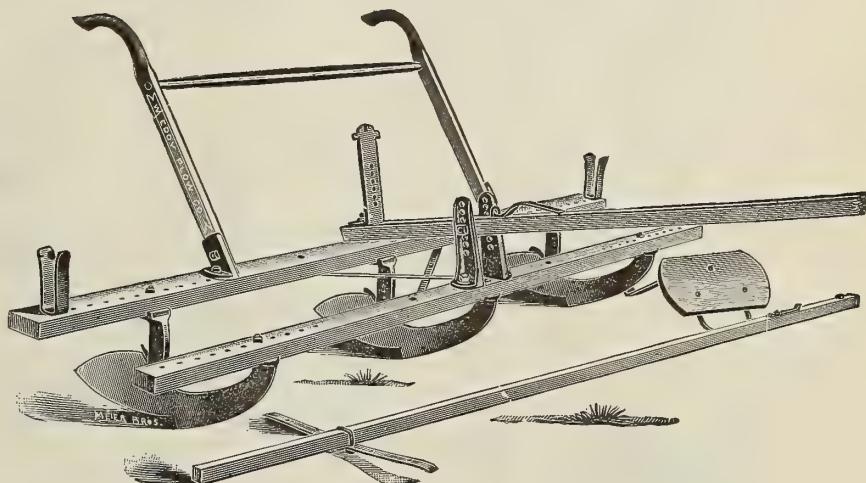
Price..... \$8 50

**The Eddy Improved
Marker**

CORN MARKER.

This cut shows our Steel Wing Marker. The runners are long, which enables it to make a true and even mark. It is adjustable to mark any width row and to any depth desired.

Three Row Marker, for 2 horses.. \$8 50
Two Row..... 7 50

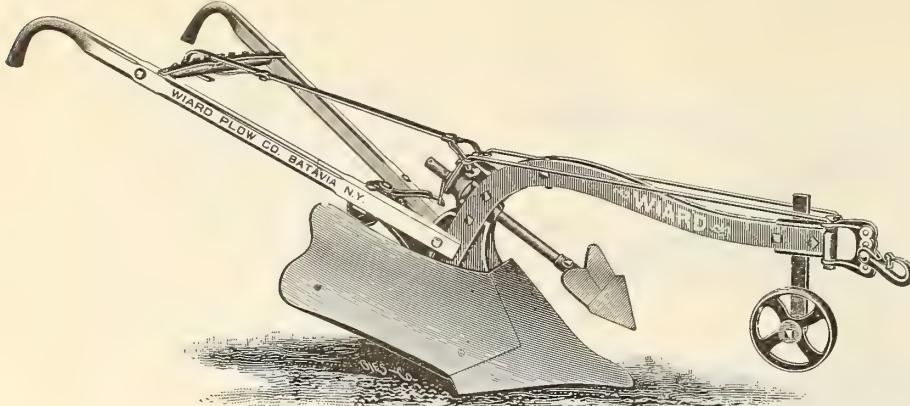


**Eddy's No. 10 Disc Hoe and
Coverer**

A trial will convince you of the superior qualities of this Disc Coverer. The Eddy Disc Coverer and Hiller has adjustable frame and discs. Is a perfect Potato Coverer. Has 20-inch discs which are adjustable as a potato coverer and hillier. This is our big seller. This is guaranteed the best Hiller on the market.

Write for special catalogue.

No. 10, price..... \$9 00

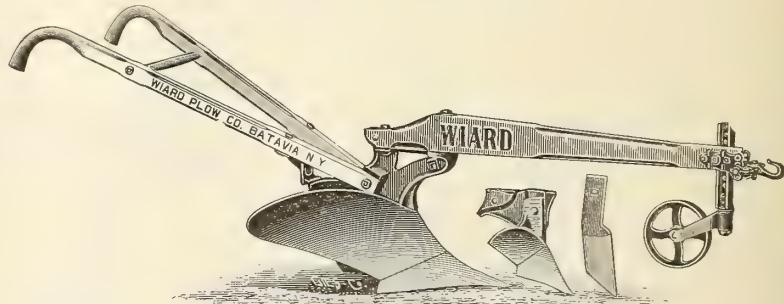


No.	Size.	Capacity.
120.	Light two-horse,	5 to 8 inches, with clevis. 10 to 13 inches wide.

No. 10-C One-Horse Garden and Vineyard Chilled Plows

Has adjustable wooden beam, so that the horse can walk in the furrows or on the last. Especially adapted for orchards, etc. For an all-round one-horse light plow it is one of the best.

No.	Size.	Capacity.
10-C.	One-horse,	4 to 7 inches deep. 6 to 11 inches wide.



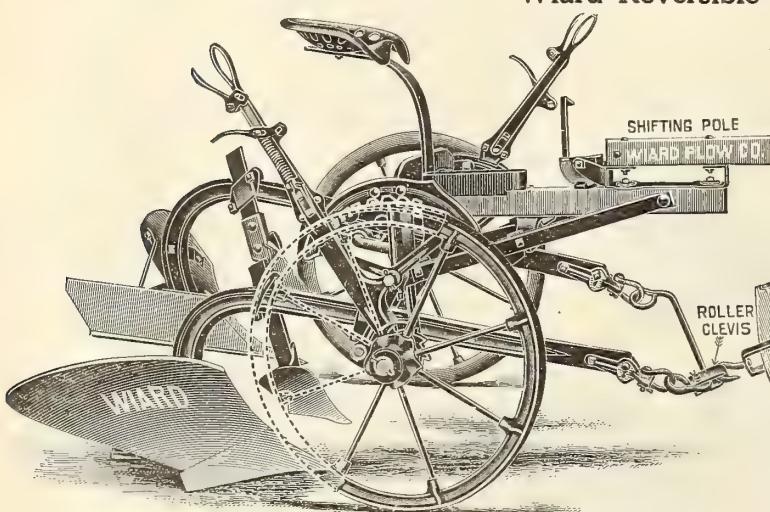
No. 72 Wiard Patent Steel-Beam Plows

This Steel-Beam Plow has proven popular with the trade, and is a model of its kind. They are trim in appearance, very strong and as light as any steel-beam plows made. Are light in draft and so balanced that they handle easily. The mouldboards have superior turning qualities, and they are adapted to all conditions of soil.

No.	Size.	Capacity.
72.	Light two-horse,	4 to 7 inches deep. 9 to 12 inches wide.

A Big Wiard Plow Catalogue Free. Write to-day.

Wiard Reversible Sulky



Above Shows Our Reversible or Double Power-Lift Sulky Plow with Pole Shifting Device and Roller Clevis as used with Two Horses.

This sulky is adapted to all soils, leaves no ridges or dead furrows and does perfect work on either level land or side hill.

It is very simple, easy to handle and is lightly constructed, the material used being mostly steel and malleable iron, making it very strong and durable.

As shown in the illustration, there are two plows, one right and one left hand, both operated by separate levers and having an automatic power lift. The plows have the highest grade chilled iron or soft-centre moldboards, and either forged steel or cast iron points as ordered, and can be fitted with jointer or plain colter as desired.

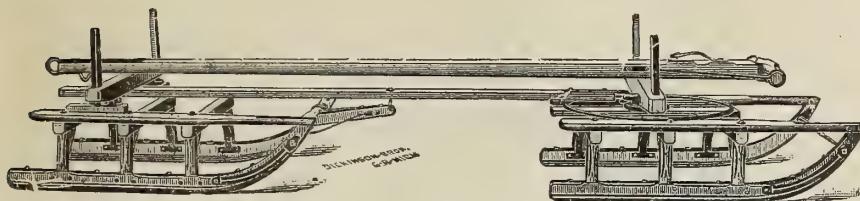
One of the special features of this plow is the patent flanged wheel which runs in bottom of last furrow, and next to the land, acting as a guide to the plow and giving a perfectly uniform width of furrow.

PRICE \$45.00.

No. 120 Wiard Patent Steel-Beam Swivel Plow

A light two-horse Swivel Steel Beam Plow. Parts are so adjusted that plow works perfectly when reversed either way. Finish—Ironwork painted green, striped and varnished. To those who have had them it is not necessary to say that they are the most practical, cheap and desirable plows made for turning hillside or level land without leaving dead furrows and ridges.

3-Knee Standard Bob Sleigh



All our Bobs are well painted, striped and varnished.

PRICES, GORDINIER'S SPECIAL BOBS.

TWO HORSE—

No. 45, Standard Long Runners.....	\$28 00	No. 7, Light, 2 knees.....	\$22 00
No. 50, Bench Long Runners.....	28 00	No. 8, Light, 3 knees.....	22 00
No. 100, Heavy Short Runners.....	35 00	No. 85, Heavy, 3 knees.....	25 00

SLEIGH SHOES, per pound..... 08

ONE HORSE—

Runners, $1\frac{3}{4} \times 3\frac{1}{4}$ inches, 5 feet 4 inches extreme length. Cast shoes, $1\frac{1}{4}$ inches on face, 3 feet 3 inches on run. Beams, $2\frac{1}{2} \times 2\frac{3}{4}$. Raves, $1\frac{1}{2} \times 7\frac{1}{2}$ inches, 4 feet 8 inches long. Height, from bottom of shoe to top of rave, 16 inches. Full iron circle. Track, 3 feet 1 inch from centre to centre of runner. New York track, 36 inches from centre to centre of runner. Bolsters, 38 inches between stakes.

WIARD PLOWS

Wiard Plows and Implements are known the world over as High Grade. All Plows fully guaranteed.

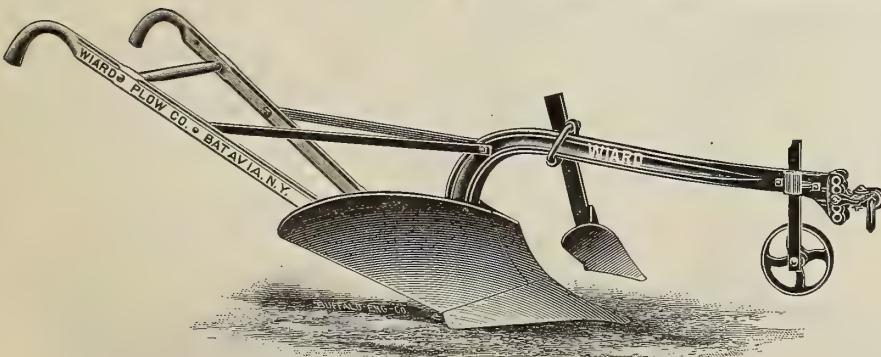
We have not room here to describe all the plows we carry of this make, but if interested will mail free a Special Large Illustrated Catalogue describing all plows.

PRICES.

No. 72, Chilled Mouldboard, light 2-horse Plow.....	\$10 00
No. 72, Steel Mouldboard, light 2-horse Plow.....	11 00
No. 43, Chilled Mouldboard, light 2-horse Plow.....	11 00
No. 43, Steel Mouldboard, light 2-horse Plow.....	13 00
No. 120, Chilled Mouldboard, light 2-horse Swivel Plow.....	13 00
No. 126, Chilled Mouldboard, light 2-horse Swivel Plow.....	14 00
No. 130, Chilled Mouldboard, light 2-horse Wood Beam Plow.....	10 00
No. 21, Chilled Mouldboard, light 1-horse Wood Beam Plow.....	8 00
No. 10-C, Chilled Mouldboard, light 1-horse Wood Beam Plow.....	8 00
No. 74, Chilled Mouldboard, light 1-horse Steel Beam Plow.....	8 50

ASK FOR BIG "WIARD" PLOW CATALOGUE.

No. 43 Wiard Patent Steel-Beam Plows

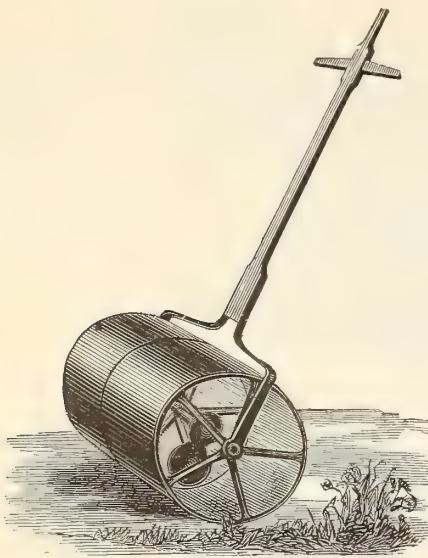


This cut shows the latest pattern of a Steel-Beam general-purpose Plow. They are made from the best material and the shape of the mouldboard is such as to adapt them to use in all soils. They are easy to handle and operate and the draft is light.

No. Size.

Capacity.

43. Two-horse Steel Mouldboard, 4 to 7 inches, deep, with clevis.
8 to 12 inches wide.



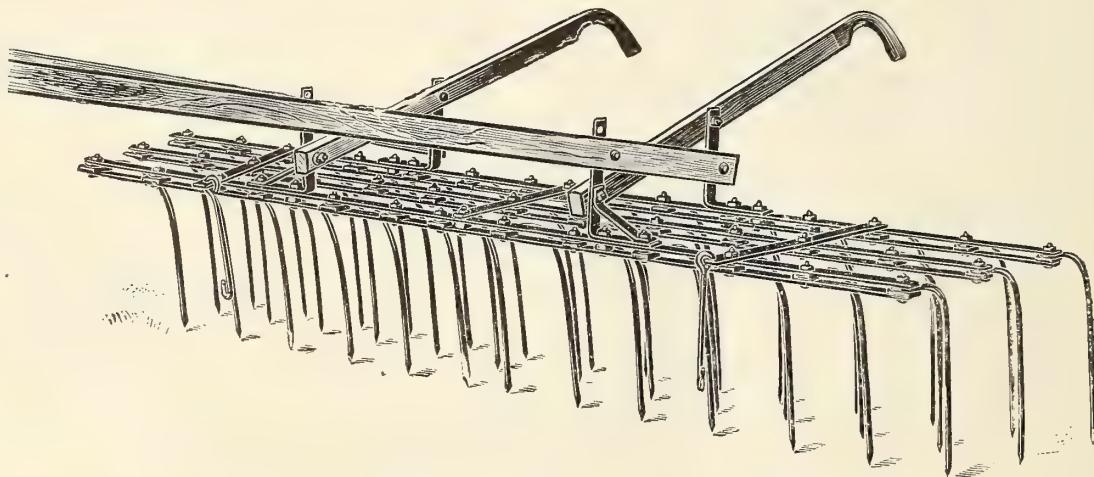
Lawn and Garden Roller

Made with Counter Balance Handle, which always stands upright.

Two	sections	9 x 18	diameter,	160 lbs.
Three	sections	9 x 18	diameter,	225 lbs.
Two	sections	10 x 24	diameter,	220 lbs.
Three	sections	8 x 24	diameter,	300 lbs.
Two	sections	12 x 24	diameter	300 lbs.
Two	sections	12 x 30	diameter,	400 lbs.

Prices on application.

Steel Frame Weeder



Three Rows Teeth. Cuts 8 Feet. Double All Steel Frame.

The Frame is made of steel bars and in three sections with stay and tie bars to insure proper alignment, and the Frame will not twist as is frequently the case when bars to which teeth are bolted are made of angle iron, a single bar to a row of teeth. Our Weeder has double bars and each tooth is securely riveted between the bars with hook on the end of tooth to hold it firmly in position.

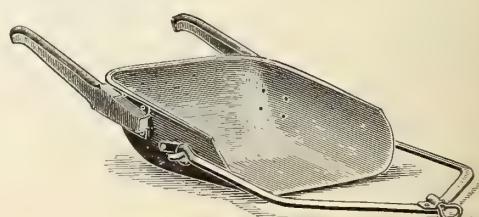
The Teeth are especially constructed on the only correct model, carefully oil tempered and tested. Points are diamond shaped and inclined forward, thereby performing better work on hard ground than teeth having trailing ends, which no more than rake the surface. It is the Flat Tooth of our Weeder that gives it its superiority over all round or semi-round weeder teeth. The round tooth has side flexibility, is easily pushed on to one side and causes what is called "bunching" of the teeth, i. e., points are thrown near together, by slight obstructions, thus leaving space or ground not stirred and causing teeth to carry surface trash which, of course, will drag down the plant.

Price..... \$9 50

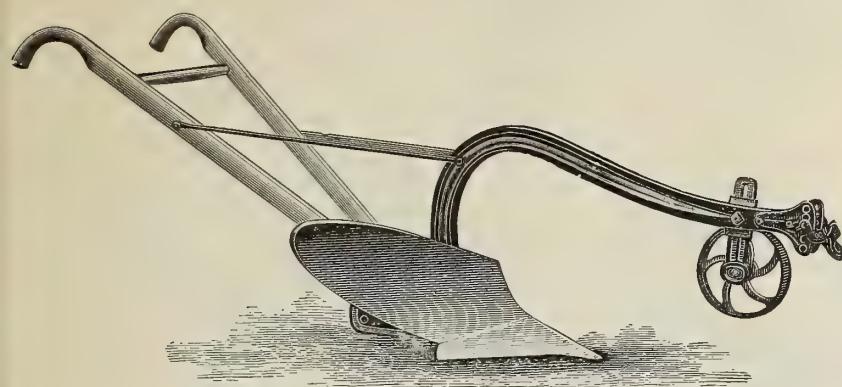
Solid Steel Scraper, with Runners

Pressed from one piece of steel.

No. 0, capacity 9 cubic feet.....	\$7 00
No 1, capacity 7 cubic feet.....	6 00
No. 2, capacity 5 cubic feet.....	5 50
No. 3, capacity 3 cubic feet.....	5 00



Gale All-Steel Plows

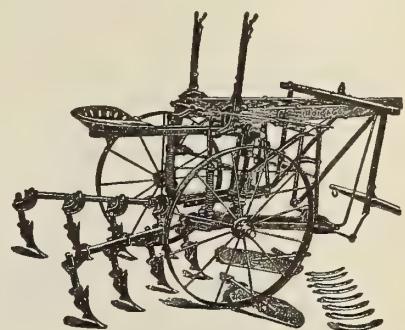


We have sold this plow for years. Light, strong and durable. All suitable for general work.

PRICES.

H-2. Steel Beam.....	\$12 00
310. Chilled Mouldboard, Steel Beam.	10 00

Iron Age Riding Cultivator



We have not room to describe this line, but if interested in the Best Riding Cultivator would be pleased to send you a large illustrated catalogue containing description and prices. Write to-day.

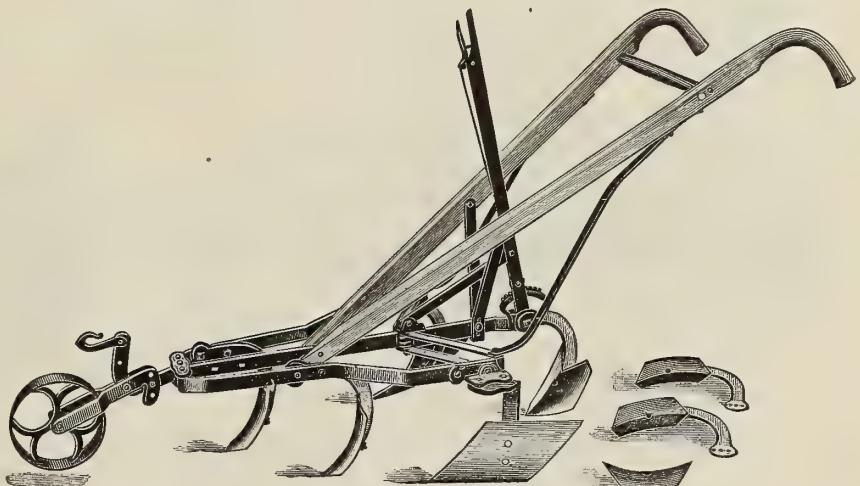
**Gordinier's Great Leader
Cultivator**

THIS IS ONE OF OUR SPECIALS.

We sell hundreds of these cultivators every year. The frame is high and long, therefore it runs steady and we do not hesitate to say that it is one of the best cultivators on the market.

PRICES.

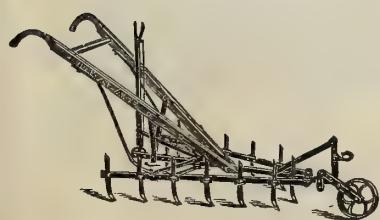
Plain, without side hoes.....	\$4 50
Complete	5 00



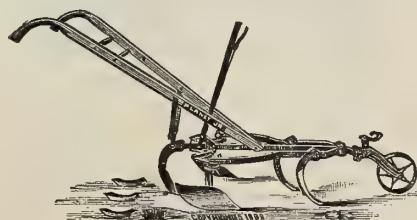
Steel Spike-Tooth Cultivator

This is a good field cultivator, and superb garden harrow and pulverizer. The teeth can be given any slant desired, and are reversible, giving double wear.

No. 2, 13 Tooth... \$5 00



Planet Jr. No. 5 Horse Hoe and Cultivator

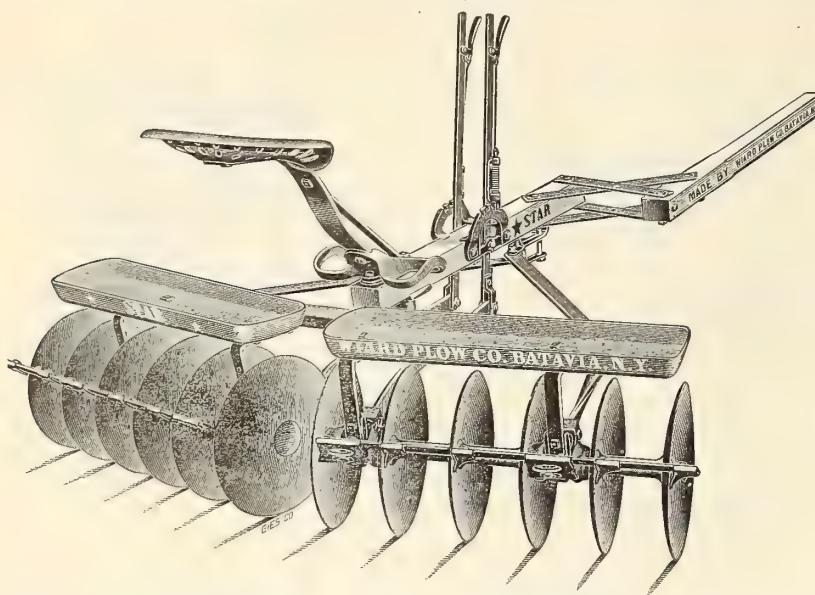


Planet, Jr., No. 9,
Horse Hoe and Cultivator,
with wheel.
Price..... \$7 75

The Great "Star" Disc Harrow

The Star Disc Harrow contains all features of any importance in a disc Harrow, and includes besides many advantages and conveniences for the cheap and successful use of such an implement, among which we mention the following.

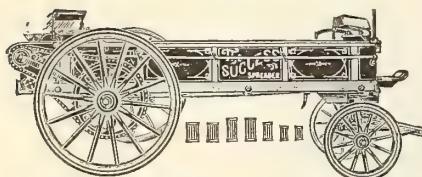
SPECIFICATIONS AND DESCRIPTION.



finished, and made with every modern improvement and convenience, an d to be operated with greatest ease for man and team.	
PRICE , No. 4, 6 ft., 12-16 inch discs.....	\$23 00
No. 8, 6 It., 12-18 inch discs.....	25 00
No. 12, 6 ft., 12-20 inch discs.....	28 00
Ask for Big Catalogue.	

"Success" Manure Spreader

Ask for this big catalogue of Manure Spreaders.



Best Manure Spreader made. It picks the material finely to pieces and scatters it uniformly over the land, broadcast or in drills, as fast as the team moves along, nearly

doubling the value of the manure by pulverizing and evenly spreading.

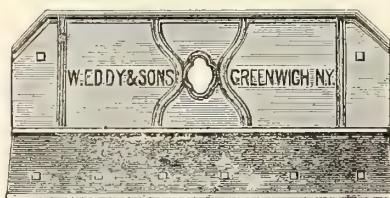
Size 2, capacity 40 bushels.....	\$110 00
Size 3, capacity 50 bushels.....	115 00
Size 4, capacity 70 bushels.....	120 00

Eddy's Improved Stoneboat Front

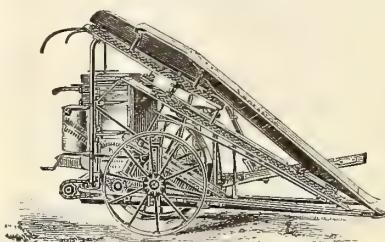
This device enables the farmer to make a good Stoneboat in one hour's time with ordinary straight plank that he may have on the farm. All tools necessary are saw and bit. Made in Steel or Grey Iron.

A groove should be sawed in the plank to admit the flange which is on rear end of the Front, which relieves the strain that otherwise would come on the bolts. Complete with all bolts.

Size.	Price.
32-inch.....	\$2 75
34-inch.....	3 00



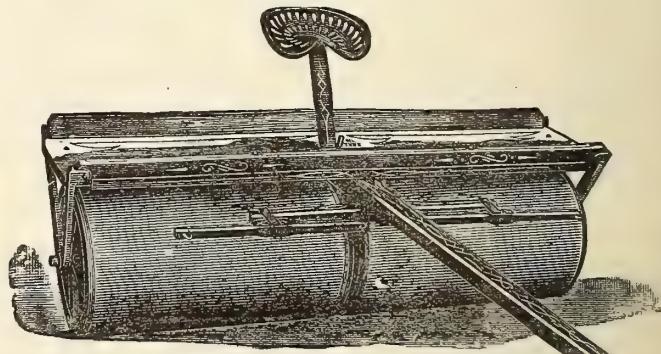
Adriance Corn Binder



has a great many points in its favor not found on any other machine. Built on scientific principles and of light draft, and fully guaranteed.

We issue a big catalogue of Corn Binders, and if interested in the best Corn Binder made, write to-day.

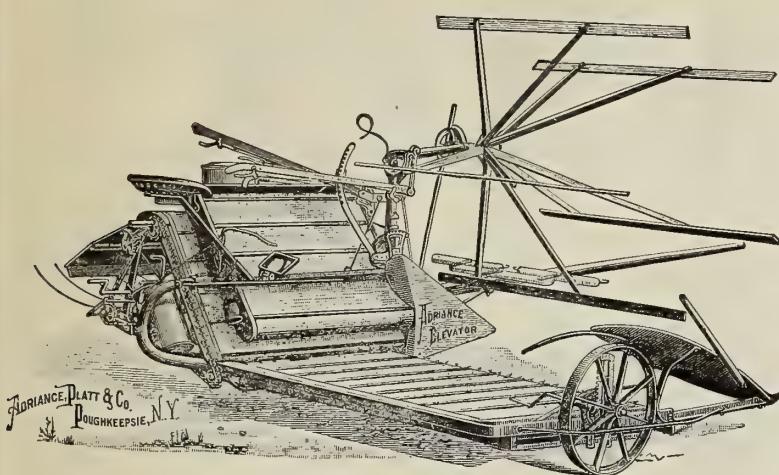
Improved Steel Land Roller



These are constructed with solid pressed Steel Heads that makes the roller thoroughly rigid and keeps the ground from clogging in the shells as in an open end roller.

24 in. diam. 8 feet long in 3 sections.....	\$24 00
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Adriance No. 2, Right-Hand Binder, 6 Ft. or 7 Ft. Cut



Large Driving Wheel, with Roller Bearings for carrying, Ball Bearings with spacing rings for side thrust.

Large Grain Wheel in line with Driving Wheel, best for balance and easy turning.

Large Reel, driven by gearing, runs steadily; four motions, all operated by one Lever.

Long Levers, convenient to hand, direct acting and quickly effective.

Simple Lever Movement driving Binding Attachment without gears or chains.

Two-Part Butter, double acting, squares the butts as the bundle is placed for binding.

Long Direct-Acting Pitman.

Adjustable Wind Guard.

Folding Bundle Carrier.

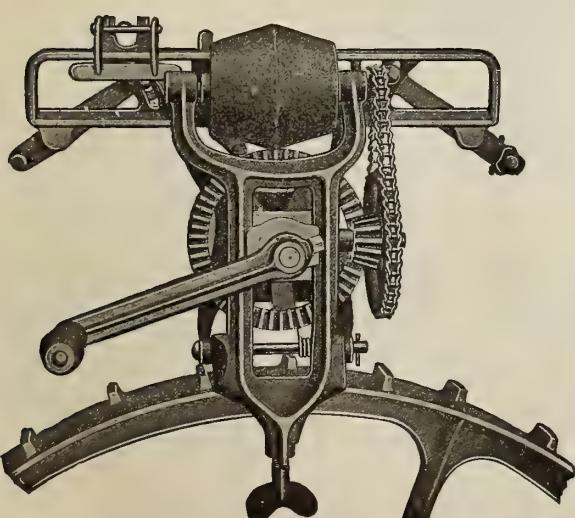
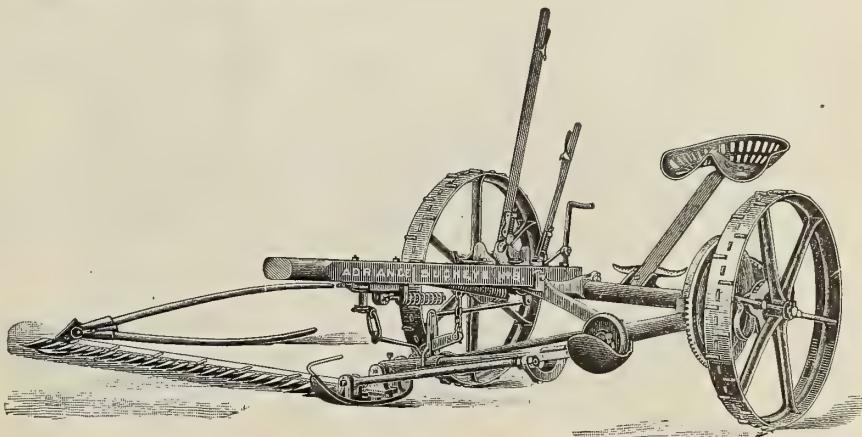
Ask for Big Catalogue of Mowers, Reapers and Binders.

Celebrated Adriance Mower

WRITE FOR BIG CATALOGUE.

This Mower is manufactured of the best material, and is fitted with the latest Improved Roller Bearings. No weight carried on the pole. Pure under draught, with whiffletrees under the pole pulling the finger-bar along independently. The draught of this machine is much lighter than the majority of other makes now in use, and is unexcelled for durability and easy operation in the field.

Write for Special Prices and Big Catalogue.



"Diamond" Knife Grinder

Simple and strong in construction and easily operated. Grinds knives at any desired bevel.

Only two gears on entire machine.

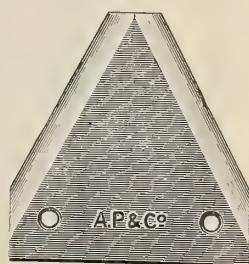
Furnished, when so ordered, with flat stone for grinding axes, hatchets, etc.

Price, each..... \$3 50

Section Knives For All

Reapers and Mowers

Wood	Osborne
Buckeye	Warrior
Deering	Champion
Eureka	Eagle
Johnson	McCormick
Price, each.....	5c



McCORMICK

Harvesting Machinery

We have taken the agency for this well known line. Place your orders with Gordinier, for Gordinier carries Repairs in stock.

McCORMICK MOWERS

McCORMICK REAPERS

McCORMICK BINDERS

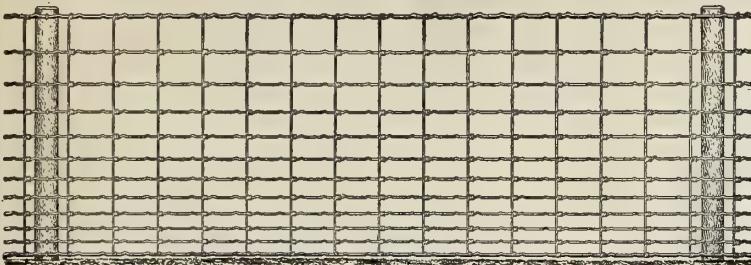
McCORMICK RAKES

McCORMICK CORN BINDERS

Write To-Day for Big Catalogue and Prices.

Stands Like a Stone Wall

Turns Cattle, Horses, Hogs—Is Practically Indestructible



AMERICAN FENCE

Buy your new fence for years to come. Get the big, heavy wires, the hinge joint, the good galvanizing, the exactly proportioned quality of steel that is not too hard nor too soft.

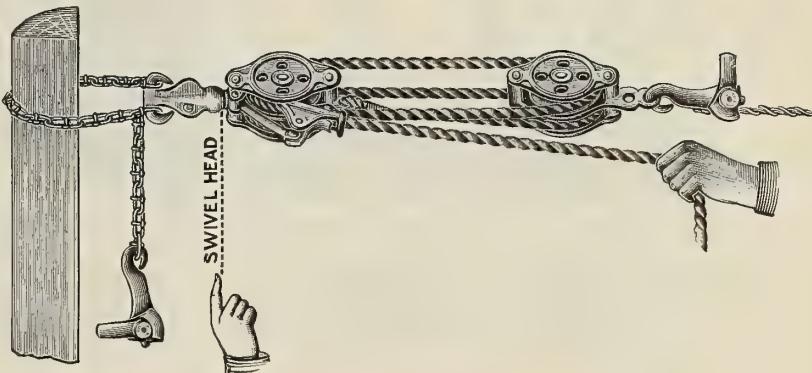
We can show you this fence in our stock and explain its merits and superiority, not only in the roll but in the field. Come and see us and get our prices.

Canton Wire Stretcher and

Splicer

THE BEST ON THE MARKET.

This is a small sized pulley, having rope with chain end. It holds the wire thoroughly taut while splicing or driving staples. Price..... \$1 00
 "Pittsburgh Perfect" Wire Stretcher..... \$4 50
 "Pittsburgh Perfect" Single Wire Stretcher...75c



Gibbs' Post-Hole Digger

Digs faster, works easier than any other on the market. All wearing parts have steel pins. Makes a hole of any desired diameter. First class for tree planting.

Price..... \$1 25

Keystone Post-Hole Digger

A good digger.

Price..... \$2 00



We buy in car lots and can make very low prices on "American" Fence. Ask for our Big Catalogue and Special Prices.

Barb and Plain Fence Wire

Price per roll (80 rods)..... \$2 20
 Special price on ton lots.

FENCE STAPLES.

Price per pound..... \$0 05

POULTRY STAPLES.

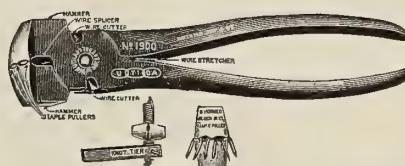
Price per pound..... \$0 10

NAILS—All Sizes.

Before buying get our prices.

We Have a Complete Line of Hardware

Improved Staple Puller Pliers



10½ inches long, weight 1¾ pounds..... \$1 00

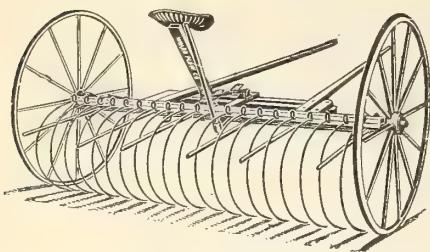
Post Mauls



Solid Cast Iron, with Hickory Handles.

12 pounds.....	14 pounds.....	16 pounds.....	} \$0 05 per pound
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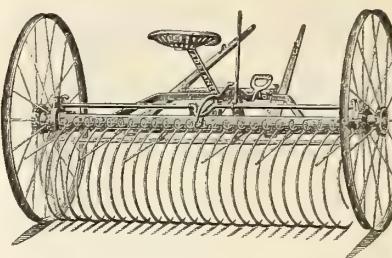
The Emperor All-Wood Hay Rake



In localities there is a demand for a reliable wooden rake. In addition to the best Steel Rake on the market, we supply also the **Emperor**, a wooden rake that is more substantially built and gives better satisfaction than any other wooden rake.

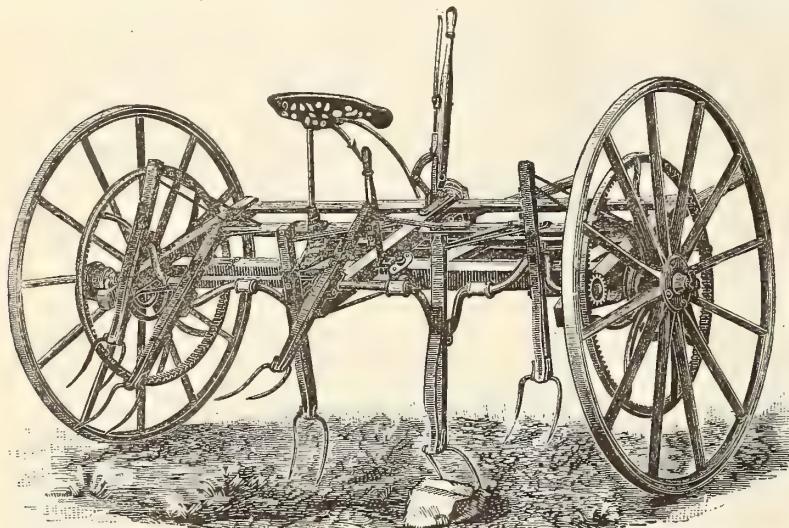
All Emperor Rakes have combination thills for one or two horses, and they are made in two sizes and styles as follows:
 Price, with 20 teeth, 8 feet wide..... \$21 00
 Price, with 26 teeth, 9 feet wide..... 24 00

The Adriance All-Steel, Self-Dump Rake



The illustration shows our Combined Self or Hand-Dump Hay Rake of latest construction, for one or two horses. Has strong, Steel Wheels, large Steel Axles, Adjustable easy riding Seat, well-tempered Steel Teeth, and Reliable Dumping Device.

28 teeth, 9 ft. wide..... \$25 00
 We carry in stock Rake Teeth for all leading makes of rakes.



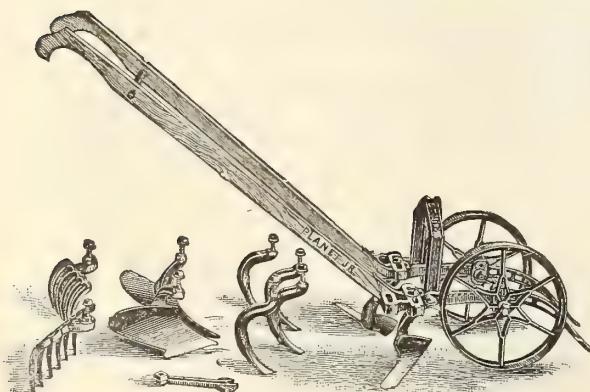
The Only Thoroughly Successful and Reliable Tedder Made that Will Turn Two Swaths of the Wide-cut Mowers Now So Extensively Used.

In no Tedder is the Bullard principle of the narrow track machine with forks outside shown to better advantage than in the Eight Fork for two horses. This is a large, powerful and durable machine for spreading two swaths of the wide-cut mowers now so frequently used, and has become a strong favorite.

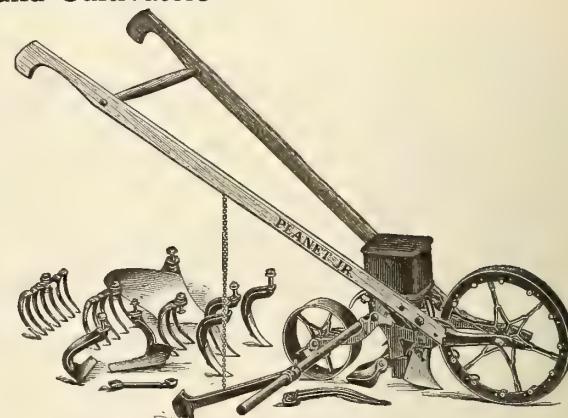
To intending purchasers of this size, we would particularly caution them not to wait until the season opens, but to place their orders early.

6 Fork.....	\$34 00
8 Fork.....	38 00

Planet Jr. Drills, Hoes and Cultivators



PLANET JR. DOUBLE WHEEL HOE.

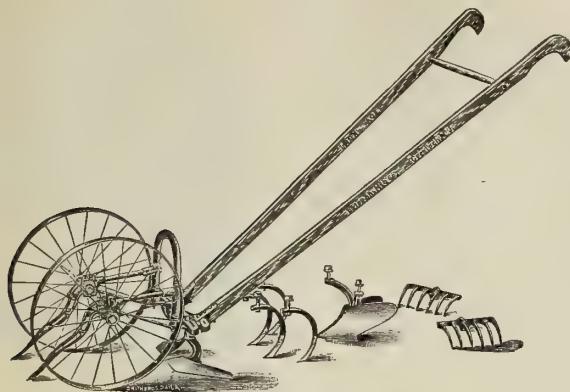


PLANET JR. SEED DRILL.

Planet Jr. Tools

Big Illustrated Catalogue describing the complete line of Planet Jr. Tools, with prices. Write to-day.

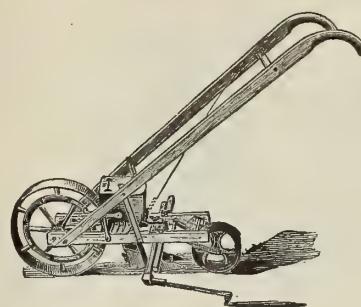
**The No. 1 "Iron Age" Double and Single
Wheel Hoe**



Price, complete..... \$7 00
Price, No. 3, plain (with side hoes only)..... 4 25
Packed weight, 40 pounds.

A Hill and Drill Seeder or a Drill Seeder attachment may be added, thus making a complete Seeder. As a double wheel it may be used astride the row and thus cultivate both sides at the same time, and may be quickly changed to single wheel hoe cultivator, rake or plow. Ask for Big "Iron Age" Catalogue.

New Model Seed Drill



The Seeder Adjustment in the New Model is accomplished by use of a slide with a pear-shaped opening passing under the bottom of seed reservoir, which is provided with a perforation of similar shape in reversed position. This size can be instantly adjusted to size indicated by index or to a hair's breadth variation.

The names of the principal seeds are plainly

shown on the index. The flow of seed can be instantly stopped by a swinging cut-off. This cut-off prevents all loss of seed.

Price..... \$8 00

A COMPLETE LINE OF GARDEN TOOLS



The completeness of the tool and the universal satisfaction it has given places it first among the "Iron Age" Garden Implements. Combined in this tool, as will be further explained, there are three distinct and thoroughly practical tools, a Hill and Drill Seeder, a Double Wheel Hoe, and a Single Wheel Hoe.

HILL AND DRILL SEEDER.

The Wheel is of steel, 16 inches high. The Frame is made of pipe, coupled to malleable castings.

**The "Iron Age" Seed Drills, Fertilizer Drills
and Wheel Hoes**

No. 6 "IRON AGE"

Combined Double and Single Wheel Hoe,

Hill and Drill Seeder.

PRICE \$12.00.

Packed weight, 50 pounds.

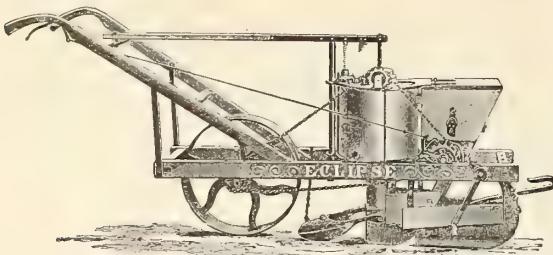
Hill and Drill Seeder Only (No. 7)

PRICE \$9.00.

The Seed Sowing Device is simple, yet very effective. The agitator is simply a revolving brush of selected bristles, which separates the seeds which may cling together, and acts as a gentle force feed.

Celery, radish, lettuce, beets, onions, carrots, spinach, etc., can be sown with this drill with great uniformity. Besides placing the seeds in drills, our No. 6 will also drop in hills at 4, 6, 8, 12 or 24 inches apart. The change from a Drill Seeder to a Hill Dropper or the reverse can be instantly made.

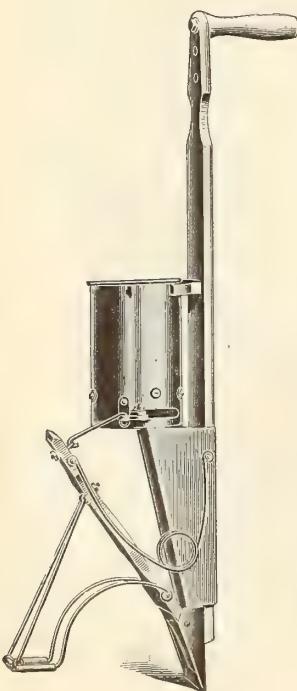
Eclipse Corn Planter and Fertilizer Distributor



Plants field or ensilage corn, beans, peas or beet seeds in hills, drills or checks; it will drop 6, 12, 24, or 36 inches apart. By scattering pumpkin seeds in with the fertilizer in filling the hopper will place seeds in hills when planting corn. It accurately distributes from 50 to 450 pounds as desired, of commercial fertilizer, wet or dry, in the rows of hills, first drawing moist earth on the seed before the fertilizer is dropped each side of the seed, and all is covered to a uniform depth.

Price, complete..... \$20 00

We Carry a Full Line of
Repairs for
All Implements



The American Standard No. 4 Corn Planter

The superiority of these planters for accuracy lies in the peculiar and perfect adjustment of the Seed Disc, the manner in which the seeds rest upon it, and the excellent features of the sheet spring brass "Cut off."

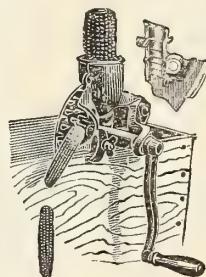
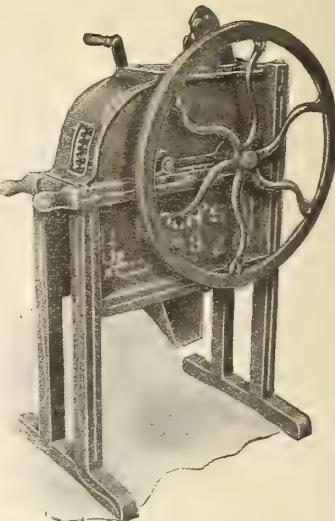
The disc revolves similar to the disc used in horse planters. Is turned, milled and ground, and is the best finished and most accurate dropping disc ever used in corn planters of any description.

Price, each..... \$1 50

Gordinier's Hand Corn Sheller

This is Right Hand, one of the most popular Shellers made. Cold Rolled Steel Shafts. Guaranteed equal if not superior to any Sheller in the market. Separates the corn from the cob. Cleans the corn. Capacity 125 bushels per day. Weight 130 lbs.

Price..... \$7 00

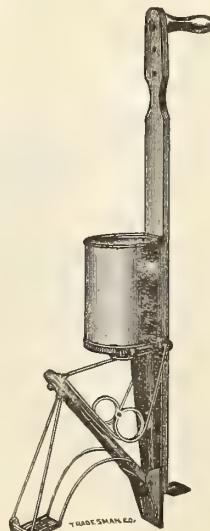


Red Chief Corn Sheller

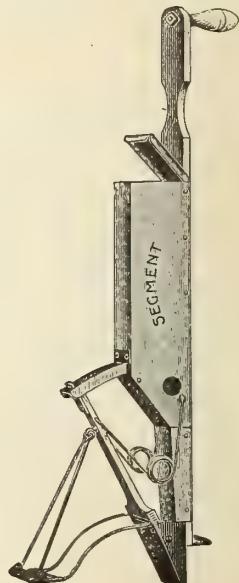
This Corn Sheller being made of malleable iron, is very substantial, and almost impossible to break. It has a spring adjustment so that all ears, no matter whether large or small, will be equally well shelled. It will shell one bushel in four minutes. Weight 15 pounds.

Price..... \$2 00

"Acme" Corn Planter



"Segment" Hand Corn Planter



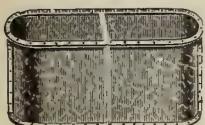
This is "Gordinier's Special," which we put out as a leader. A perfect machine in every way.

Price..... \$1 25

Price..... \$1 00

Oblong Round End Steel Tanks

GALVANIZED STEEL. CAREFULLY RIVETED SEAMS.



Every tank carefully inspected before leaving factory, to insure tank being water tight. The dimensions of all tanks are outside measurement. Capacity is estimated by the standard liquid measure of 31½ gallons to the barrel.

No.	Width.	Height.	Length.	Capacity, bbls.	Weight.
102	2 ft.	2 ft.	5 ft.	4½	82 lbs.
103	2 ft.	2 ft.	6 ft.	5½	94 lbs.
104	2 ft.	2 ft.	7 ft.	6½	106 lbs.
105	2 ft.	2 ft.	8 ft.	7½	123 lbs.

Larger sizes will be furnished on application.

Round Steel Tanks

No. 20—GALVANIZED STEEL.

Same as above, only round instead of oblong. Same care taken in manufacture.

No.	Diam.	Height.	Capacity.	Weight.
1	3 ft.	2 ft.	3½ bbls.	71 lbs.
2	4 ft.	2 ft.	6 bbls.	91 lbs.
3	4 ft.	2½ ft.	7 bbls.	100 lbs.
4	4 ft.	3 ft.	9 bbls.	107 lbs.
5	4 ft.	4 ft.	12 bbls.	127 lbs.

Larger sizes furnished on application.

Ask for Special Prices. Any size made to order.



Unmounted Grindstones

Special Selected Stones.

All Weights.

Per lb 2½c



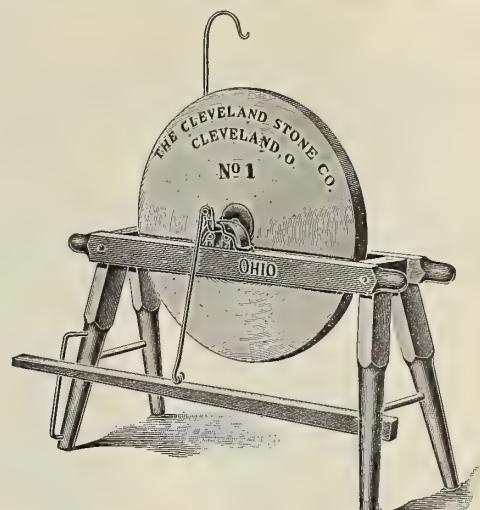
Grindstone Family

Selected Stone.

Price \$1.25

Gordinier's Special Grindstone

MOUNTED WITH SPECIALLY SELECTED STONE.

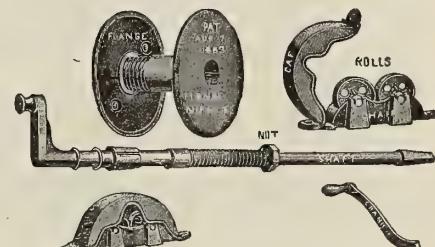


This frame is made of the best seasoned hardwood. The legs are securely gained into the sidebars and fastened by a bolt. The ends of the side bars are neatly turned to serve as handles.

Every frame is provided with Treadle, Crank and Bucket Holder, and the crank can be used as a wrench to tighten any nut on the frame.

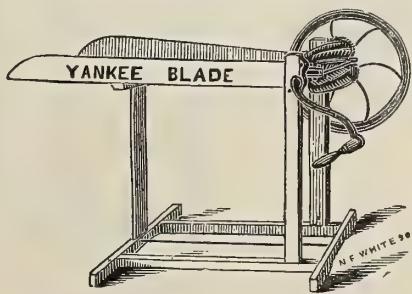
Price, each..... \$4 00

Grindstone Fixtures



Grindstone Hangers, complete, 17 inch shafts, set.....	\$0 50
Grindstone Hangers, complete, 19 inch shafts, set.....	60
Grindstone Hangers, complete, 24 inch shafts, set.....	75
Grindstone Hangers, complete, 36 inch shafts, set.....	1 50
Grindstone Handles, each.....	25
Extra Shafts, only for mounted stones, each.....	40

Yankee Blade Feed Cutter

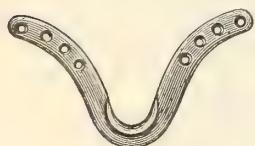


Price, each..... \$11 00

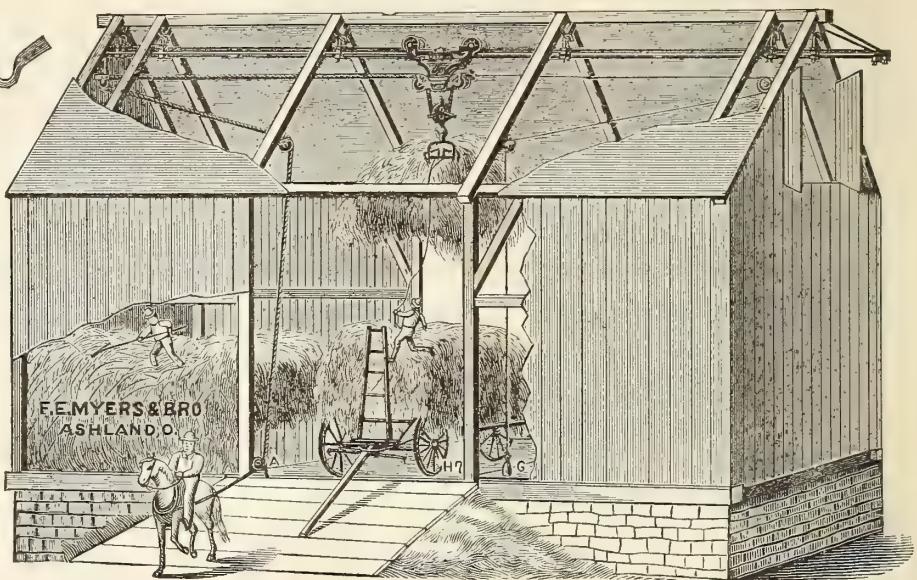
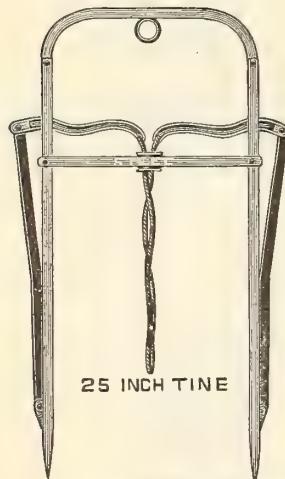
The Yankee Blade Hay and Straw Cutters sold by us we consider the best and cheapest now in use. They will cut more hay and straw than any other cutter on the market. It is not liable to get out of order, and is readily ground and sharpened by any one.

Myer's Reversible Steel Track Hay Carriers

NO BARN IS COMPLETE WITHOUT ONE OF THESE RIGS.



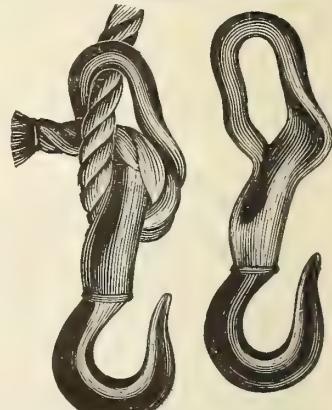
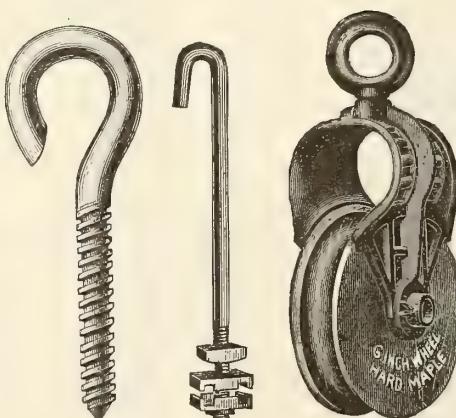
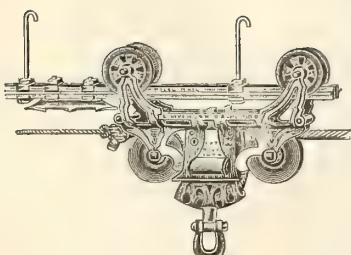
Our carriers for rod, wood, or steel track are the most durable and easiest rigs to operate now in use. Any one with a hammer and wrench can rig his barn as well as an expert carpenter. We furnish everything necessary for rigging any style of barn. If you will send us the length and height of your barn and style of ridge pole, will name you price for complete job.



PRICES.

Reversible Carrier, each.....	\$ 4 00
Wooden Track Carrier, each.....	4 00
Steel Track, per foot.....	12
Steel Hanger Hooks, each.....	10
Steel Rafter Brackets, each.....	5
Jointed Hanger Hooks, each.....	15
Double Harpoon Forks, each.....	1 00
Knot Passing Pulleys, each.....	25
Common Pulleys, each.....	25
Rope Hitch, each.....	25
Floor Hooks, each.....	10
Steel Grapple, each.....	60

MYERS PATENT STEEL TRACK



MATERIAL REQUIRED FOR A STEEL TRACK OUTFIT FOR DIFFERENT LENGTH BARNs.

For a 40-Foot Barn.

One Myer's Carrier, 40 feet Steel Track, 21 Hanging Hooks, 21 Rafter Brackets, 5 Knot-Passing Pulleys, 1 D. H. Fork, 6 Floor Hooks, 110 feet $\frac{3}{4}$ -inch Manila Rope, 50 feet $\frac{5}{8}$ -inch Check Rope, 40 feet $\frac{5}{8}$ -inch Reverse Rope.

For a 50-Foot Barn.

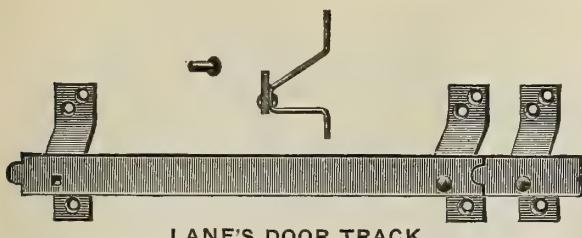
One Myer's Carrier, 48 feet Steel Track, 25 Hanging Hooks, 25 Rafter Brackets, 5 Knot-Passing Pulleys, 6 Floor Hooks, 130 feet $\frac{3}{4}$ -inch Manila Rope, 55 feet $\frac{5}{8}$ -inch Check Rope, 50 feet $\frac{5}{8}$ -inch Reverse Rope.

For a 60-Foot Barn.

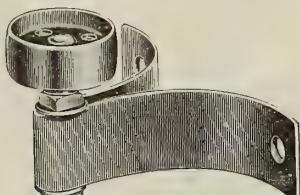
One Myer's Carrier, 60 feet Steel Track, 31 Hanging Hooks, 31 Rafter Brackets, 5 Knot-Passing Pulleys, 6 Floor Hooks, 160 feet $\frac{3}{4}$ -inch Manila Rope, 60 feet $\frac{5}{8}$ -inch Check Rope, 60 feet $\frac{5}{8}$ -inch Reverse Rope.

Different lengths of barns will use track, hanging hooks, and rope in same ratio as above.

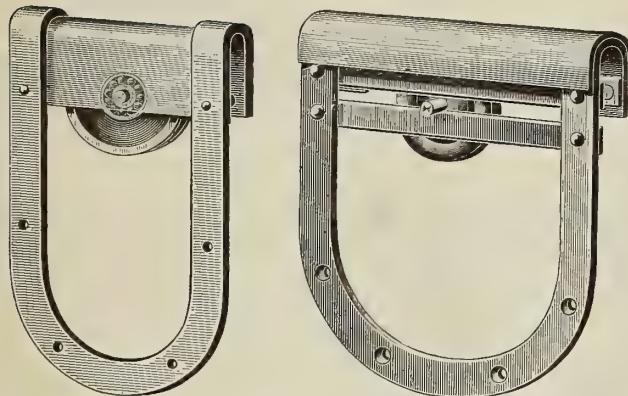
WE ISSUE A BIG HAY CARRIER CATALOGUE, IT'S FREE.



LANE'S DOOR TRACK.



STAY ROLLER.



LANE'S BARN DOOR HANGER.

LANE'S ROLLER-BEARING HANGERS.



YANKEE CATCH, TO HOLD OPEN SWING DOORS.

PRICES.

Lane's Door Track, per foot.....	\$ 0 05
Lane's Stay Roller, each.....	15

LANE'S BARN DOOR HANGERS—

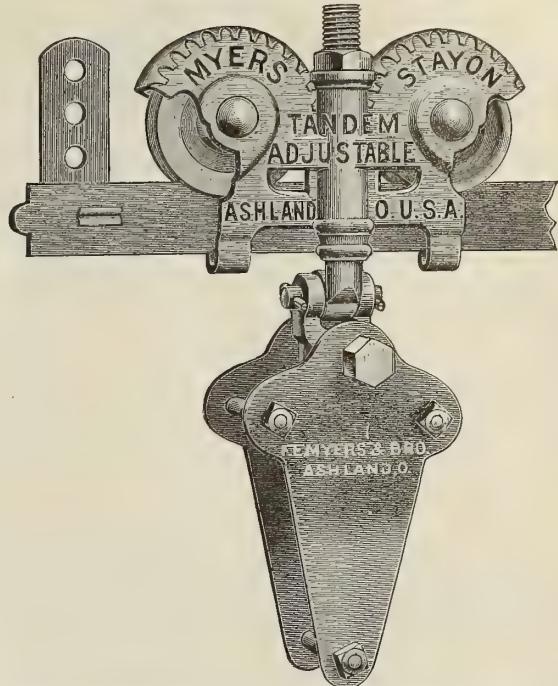
No. 1, per pair.....	65
No. 1½, per pair.....	75
No. 2, per pair.....	90
No. 3, per pair.....	1 20

LANE'S ROLLER-BEARING HANGERS—

No. 30, per pair.....	50
No. 40, per pair.....	60
No. 50, per pair.....	75

Yankee Barn Door Catch, each.....	10
-----------------------------------	----

**Myer's Adjustable Tandem Stayon Flexible
Door Hanger**
STEEL ROLLER BEARINGS.



The latest Myers Adjustable Tandem Stayon Door Hanger, constructed with a substantial malleable iron frame covering both wheels.

This hanger embodies all of the many advantages of the original Flexible Stayon Hanger, invented and patented by us, which has reached the enormous sale of over 400,000 pair annually.

This adjustable hanger has many improvements, some of which are:

The Adjustable feature permits the door to be raised or lowered at either side independently and at any time by the simple turning of a nut. By means of the heavy horizontal carrying bolt shown in Fig. 1156 the door can be adjusted to or from the building without dismounting the door.

The Hasp is composed of two pieces of steel plate, which permits of it being used on any thickness of door without bridging or cutting.

The Stayon feature is shown by the two loops in Fig 1155, formed by part of the frame extending around the lower edge of the track, which prevents the hanger from being thrown off track under any and all circumstances.

The Flexible feature is formed by a joint between the hasp and the hanger proper forming a hinge, which allows the top of the door to move away from the building at least one-half inch when necessary for it to do so to allow the door to pass an uneven surface on the building, or when the door or boards are warped so as to cause an obstruction.

Steel Roller Bearings. The wheels revolving on hard steel roller bearings, surround a large drawn steel axle.

Finish. Aluminum bronze throughout, with red points.

The Hanger is most complete in every particular, being first-class in workmanship, construction, material and finish, and with the above advantages, places it, we believe, in advance of any other on the market.

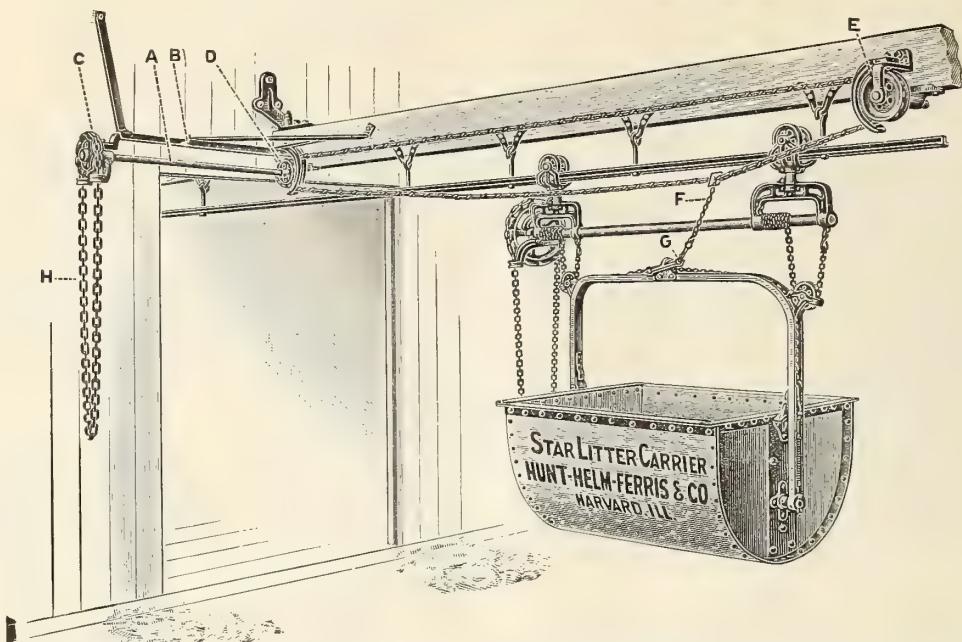
The Track is high carbon stiff steel, 1½ x 3-16 inch, supported by steel brackets, nicely finished and neatly packed, is the same size as used regularly on all Flexible Door Hangers.

PRICE LIST.

Myers Adjustable Tandem Stayon Door Hanger, complete with bolts, per pair.....	\$ 1 00
" O. K." Steel Track for same, complete in 4, 6 and 8 foot lengths, per foot (Saddle).....	08

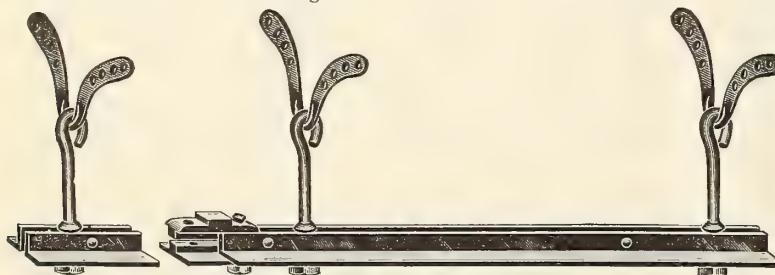
STAR
LITTER
CARRIERS

STAR
FEED
CARRIERS



Above illustration shows the Star Litter Carrier for double angle steel track; also illustrating the Star Automatic Dumping and Returning Device. The only device for rigid track manufactured.

Fig. 323



Star Double Angle Litter Track.

The Star Carrier is constructed entirely of steel and malleable iron—raises and lowers by means of steel chains attached to four points on the bar, insuring perfect rigidity.

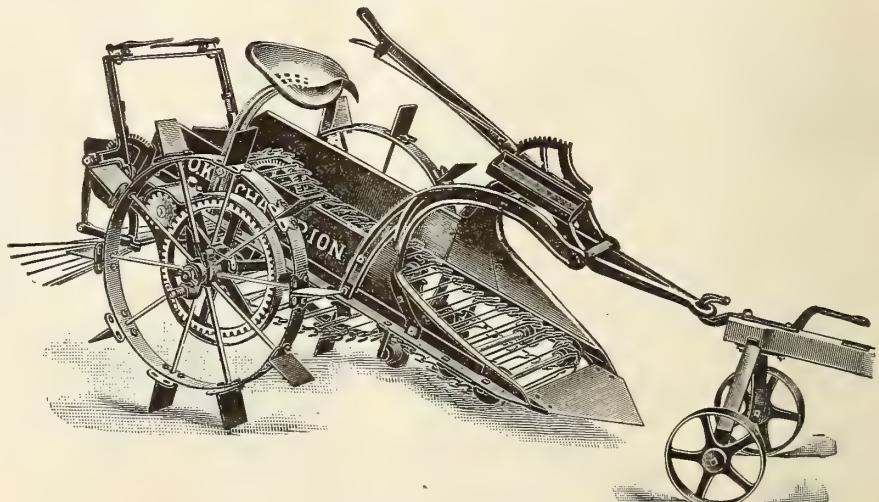
Fig. 323 illustrates the Star Double Angle Steel Track and method of supporting same. This track is used in connection with switches and curves with which any barn may be outfitted. Send measurements for estimate. Complete Catalogue furnished.

Would be pleased to quote prices.

THE O. K. CHAMPION POTATO DIGGER

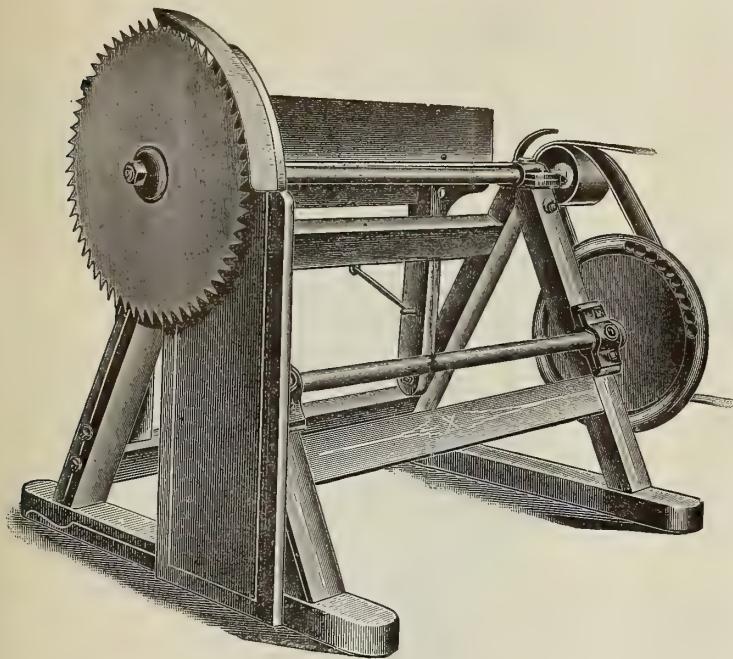
The O. K. Champion Digger with its many superior features commends itself to the careful buyer. It has stood the test of years and has many times proven to be the victor in the potato field over all competitors. Its construction embodies all the essential features, which make it absolutely reliable. It is built with a view to simpleness, doing away with all unnecessary wearing parts, which accounts for its easy draught. Two horses will do the work with ease. There is no chain drive to cause friction and wear; only two gear wheels are employed on the entire machine.

The shovel is 20 inches wide, scooping up that width of ground and potatoes, depositing them on the elevator separating apron, whose links are alternately raised and lowered. These run over a sprocket agitator, which keeps the apron continuously agitated up and down, causes the separation to be done with the least possible power requirements and giving the machine a good separating capacity. The potatoes then fall upon the rear shaking fork rower, thoroughly cleaning any remaining dirt from the potatoes, and deposits them in a row of about 12 inches behind the machine. Send for Special Catalogue.



PRICE \$70 00, WEIGHT 575 POUNDS.

cleaning any remaining dirt from the potatoes, and deposits them in a row of about 12 inches behind the machine. Send for Special Catalogue.



Buzz Saw Blades

22-inch.....	Made especially for us and all guaranteed. Prices on application.
24-inch.....	
26-inch.....	

Other sizes to order.

Rich's Patent Excel Lever Feed Cutter

THE LATEST AND MOST SUCCESSFUL CUTTER ON THE MARKET.



A Lever Feed Cutter at a low price has been the demand for some time; and it has resulted in many cheaply constructed articles being put upon the market. We have never entered this competition, but have now made what we are sure will be in every way, a good article; and then have put upon it the lowest price we can afford. It excels any Lever Cutter on the

market, and this can be readily understood when its many excellent points are considered.

Price, each..... \$4 00

The Pennsylvania Cross-Cut Saw No. 2

Two shafts with the balance wheel on the lower shaft is the distinguishing feature of this saw. By this arrangement, poles of any length may be placed on the swing table and cut with ease. The swing tables on our machines are perfect in their ease of operation. Drive pulley, 6-inch diameter, 6-inch face.

Price..... \$28 00

No. 1 Cross-cut Saw, same as above, with one shaft, 26-inch saw, fully guaranteed.

Price, 26-inch saw..... \$25 00

New England Vegetable Cutter

IMPROVED.

The great advantage of feeding cattle and sheep during the winter months partly on vegetables, has become generally recognized. It is necessary, however, to properly cut the roots so as to prevent choking, and to make them easy of digestion.

We have, in this cutter, one which will do the work in every way acceptably, and for which only a small price is charged.

The mechanism is simple, consisting of a **Steel Shaft**, on which are mounted a series of **Rings**, with **Prongs** projecting from them, as shown in illustrations. These Prongs run between a set of **Knives**, fastened to frame of cutter, by which means the roots are torn and sliced into fine pieces. Two gradings of sizes are obtained by the **two sets of knives**. A **heavy Balance Wheel** is furnished, making it easy of operation, and it can be worked by a boy.

Price, each..... \$6 50



The Farmers' Favorite Cookers



Are made in six sizes at the following prices:

Capacity.	Size boiler.	Length fire box.
No. 1, 25 gals.	22x22x12,	24 inches
No. 2, 30 gals.	22x24x13½,	24 inches
No. 3, 40 gals.	22x30x14,	30 inches
No. 4, 50 gals.	22x36x15,	36 inches
No. 5, 75 gals.	22x48x17,	48 inches
No. 6, 100 gals.	22x60x17,	60 inches

Prices on application.

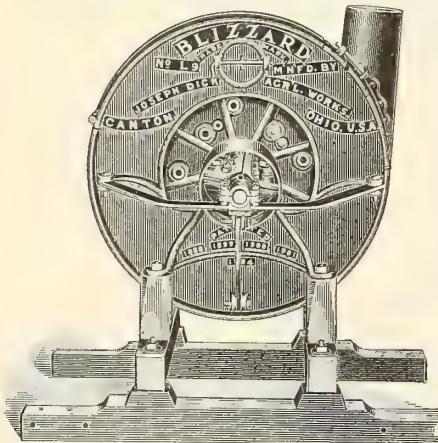
DICK'S NEW IMPROVED ENSILAGE CUTTER.

All the very latest improvements are embodied in this machine. What we wish to particularly call your attention to here is the general neatness in appearance and the simplicity of the construction. Built for business, sufficiently strong in all its parts to withstand the wear and tear of any amount of work required. Each size is carefully proportioned, so that

whether you buy a small or large size you are sure of getting an Ensilage Cutter that will do all we claim and all that could be desired. The Blizzard is a satisfactory machine to buy and a more satisfactory machine to use. Any points not clear to you will be further explained for the mere asking.

We Carry in Stock a Full Line of Repairs.

General Information for L9 Blizzard.



Capacity—4 to 6 tons per hour green ensilage.

Cuts—Length, $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, 1 and $1\frac{1}{2}$ inches.

Cutting Knives—Length, $1\frac{1}{2}$ inches.

Feed Rollers—Length, 9 inches.

Feed Table—Complete length, $6\frac{1}{2}$ ft.; bottom, 9 inches; top, 18 inches.

Pipe—Diameter, 6 inches; gauge, 22 galvanized iron in sections of 2, 4 and 10 feet.

Power— $3\frac{1}{2}$ to 5 H. P.

Pulley—(Regular) 7 inches; extra sizes which can be furnished to order instead of regular are 6 and 8 inches.

Side Table— $2\frac{1}{2}$ feet wide by 5 feet long.

Silage Distributor—Weight, 18 pounds.

Speed—900 to 1100 revolutions per minute.

Wagon for Mounting—Weight, complete, 320 pounds. Wheels, 20 and 24 inches.

Weight—Complete, unmounted, 700 pounds.

Write for Price.

General Information for L11 Blizzard.

Capacity—5 to 8 tons per hour green ensilage.

Cuts—Length, $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, 1 and $1\frac{1}{2}$ inches.

Cutting Knives—Length, 14 in.

Feed Rollers—Length 11 inches.

Feed Table—Complete length, 8 feet; bottom, 11 inches; top, 20 inches.

Pipe—Diameter, 7 inches; gauge, 22 galvanized iron, in sections of 2, 4 and 10 feet.

Power—4 to 7 H. P.

Pulley—(Regular) 9 inches, extra sizes which can be furnished to order instead of regular are 7, 8, 10, 12 and 14 inches.

Side Table— $2\frac{1}{2}$ feet wide by $5\frac{1}{2}$ feet long.

Silage Distributer—Weight, 20 pounds.

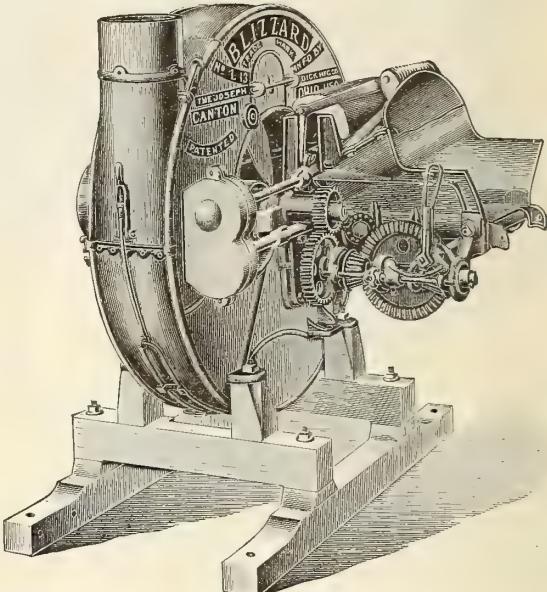
Speed—800 to 1000 revolutions per minute.

Wagon for Mounting—Weight, complete, 350 pounds. Wheels, 20 and 24 inches.

Weight—Complete, unmounted, 1100 pounds.

Write for Prices.

General Information for L13 Blizzard.



Capacity—7 to 12 tons per hour green ensilage.

Cuts— $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, 1 and $1\frac{1}{2}$ inches.

Cutting Knives—Length, 16 inches.

Feed Rollers—Length, 13 inches.

Feed Table—Complete length, 9 feet; bottom, 13 inches; top, 22 inches.

Pipe Diameter— $7\frac{1}{2}$ inches; gauge, 22 galvanized iron, in sections of 2, 4 and 10 feet. Weight, per foot, about 3 pounds.

Power—7 to 10 H. P.

Pulley—(Regular) 11 inches; extra sizes which can be furnished to order instead of regular are 8, 9, 12 and 15 inches.

Side Table— $2\frac{1}{2}$ feet wide by $6\frac{1}{2}$ feet long.

Silage Distributer—Weight, about 20 pounds.

Speed—650 to 950 revolutions per minute.

Wagon for Mounting—Weight, complete, 350 pounds. Wheels, 22 to 26 inches.

Weight—Complete, unmounted, 1300 pounds.

Write for Prices.

General Information for L15 Blizzard.

Capacity—10 to 15 tons per hour green ensilage.

Cuts—Length, $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, 1 and $1\frac{1}{2}$ inches.

Cutting Knives—Length, $18\frac{1}{2}$ inches.

Feed Rollers—Length, 15 inches.

Feed Table—Complete length, 9 feet; width bottom, 15 inches; top, 24 inches.

Pipe—Diameter, 8 inches; gauge, 22 galvanized iron, in sections of 2, 4 and 10 feet. Weight per foot, about $3\frac{1}{2}$ pounds.

Power—8 to 12 H. P.

Pulley—(Regular) 11 inches; extra sizes which can be furnished to order instead of regular are 9, 10, 12, 13 and 15 inches.

Side Table— $2\frac{1}{2}$ feet wide by $6\frac{1}{2}$ feet long.

Silage Distributer—Weight, 20 pounds.

Speed—600 to 900 revolutions per minute.

Wagon for Mounting—Weight, complete 350 pounds. Wheels are 22 and 26 inches in diameter.

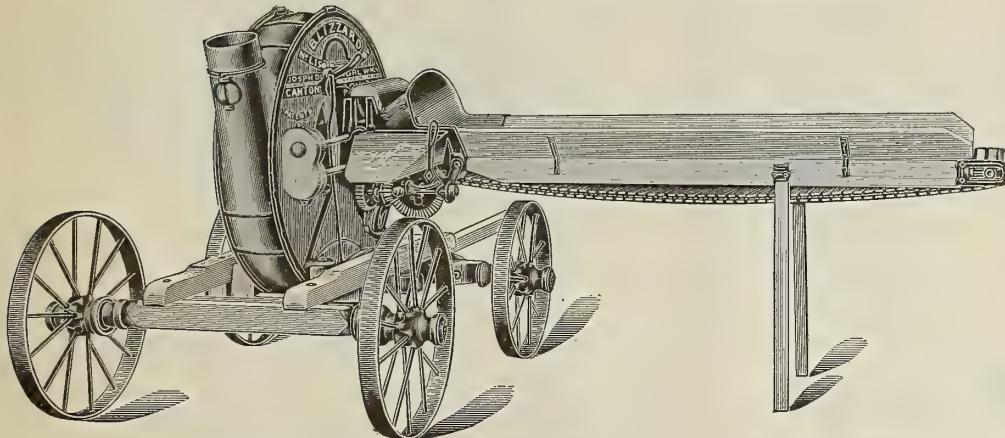
Weight—Complete, unmounted, 1500 pounds.

Write for Price.

Dick's New Improved "Blizzard" Cutter

WITH SUPERIOR SELF-FEED TABLE.

Are Also Made With Plain Feed Table.



BLIZZARD MOUNTED ON SPECIAL TRUCK.

The Blizzard is an entirely new departure in feed and ensilage cutting machinery, and we feel safe in stating that owing to the numerous points of merit in this combined machine for **Cutting, Splitting or Shredding** feed, and elevating it by means of a **pneumatic conveyor**, the Blizzard excels all others of its class.

The gearing on this improved machine is 50 per cent. stronger and has much more wearing surface, while the shafts for feed gears are larger in diameter; in fact all the parts throughout are made much heavier and stronger and can stand more strain and extended service than the former style "Blizzard." The feed table can be detached before removing from the machine by simply lowering the rear end of table and lifting it out of its fastenings. We claim that the "New Improved Blizzard" is the peer of all ensilage and feed cutters on the market to-day.

Length of knives.	Capacity.	Power required.	Speed.	Weight.
No. L 11 14 ins.	5 to 8 Tons Green Ensilage	4 to 7 H. P. steam	800 to 1050 rev.	1100 lbs.
No. L 13 16 ins.	7 to 12 Tons Green Ensilage	7 to 10 H. P. steam	650 to 1000 rev.	1300 lbs.
No. L 15 18½ ins.	9 to 14 Tons Green Ensilage	8 to 12 H. P. steam	600 to 950 rev.	1500 lbs.

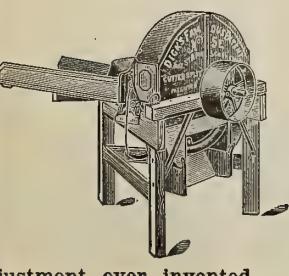
With two cutting knives only, with plain feed table.....		} Prices and Big Catalogue on application.
With two cutting knives and two shredder bars, with plain feed table.....		
Without cutting knives but four shredder bars, with plain feed table.....		
With two cutting knives and four shredder bars, with plain feed table.....		
Two extra cutting knives with supports and bolts.....		
Self-feed table for any of the above, extra.....		
Wagon truck complete for mounting and transporting.....		

CONVEYING PIPES AND CONNECTIONS FOR BLIZZARD CUTTERS.

For No. L 11. 7 inch Galv. pipe, per foot.....		} Prices on application.
7 inch Deflector for end of pipe.....		
For No. L 13. 7½ inch Galv. pipe, per foot.....		
7½ inch Deflector for end of pipe.....		
For No. L 15. 8 inch Galv. pipe, per foot.....		
8 inch Deflector for end of pipe.....		

Dick's "Famous" Feed and Ensilage Cutters

ASK FOR BIG CATALOGUE.



justment ever invented.

These cutters have been made for over twenty years, and it has always been the aim of the manufacturer to make them of the best material. They are made in eight different sizes, both for hand and power. The knives on these cutters have a straight edge and can be easily ground. They cut six different lengths, from $\frac{1}{4}$ inch up, and have the most perfect knife ad-

ratches or springs. Splitting bar attachments to split the corn stalks are also furnished.

No. 4-D, for hand and power, has two 10-inch knives. Cuts 6 different lengths. Weight 250 lbs.

No. 5-E, for hand and power, has two 13-inch knives. Cuts 6 different lengths. Weight 350 lbs.

No. 6-F, power only, has two 16½-inch knives. Cuts 6 different lengths. Weight 500 lbs.

No. 7-G, for power only, has three 16½-inch knives. Cuts 6 different lengths. Weight 500 lbs.

Prices and Big Catalogue on application.



Wine and Lard Presses

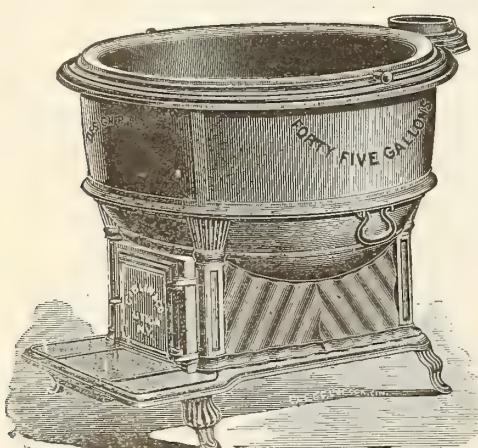
This press has a very heavy hard wood frame, which is securely and firmly bolted together and taper toward the top. The press screw is steel and runs in an iron nut.

PRICE.

No. 1.....	\$3 75
No. 2.....	4 25
No. 3.....	6 50



Caldron Furnace



The cheapest, quickest and best way of heating water and cooking food for stock is by using a CALDRON FURNACE. It burns wood to perfection and works equally as well with coal. It is provided with a patent damper and deflecting ring, throwing the heat to the front side of the Caldron and heating all sides evenly.

Ask for prices.

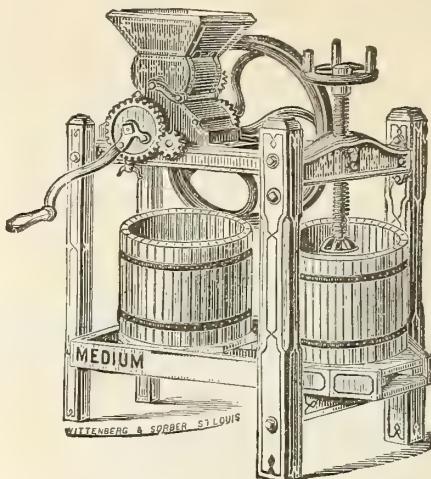
Gordinier's

Leader

"I-Am-It" Cider and Wine Mill

Just the right size machine for family use. The hopper is large and the mill will feed and grind small and medium sized apples. A very easy running and durable machine. Tub is 12 inches high and 13½ inches outside diameter.

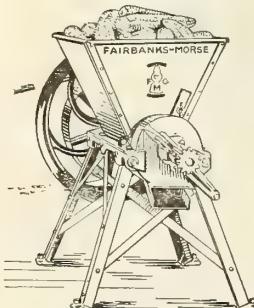
Price..... \$8 50



Cider Mills

All Sizes

The Fairbanks-Morse Feed Mills



Each mill can be furnished with or without elevator. If the mill is ordered without elevator, it can be purchased later on if desired and easily fitted to the mill. This does away with extra charge for fitting elevator. The elevator is fitted with chain drive and is of proper height to take on a 2½ bushel bag and fill it completely. Elevator is provided with chain tightener which is positive and holds the tension as desired. A well balanced fly wheel can be furnished at extra cost.

Fairbanks-Morse Feed Mills Are Especially Adapted for Farm Use.

Fairbanks-Morse Feed Mills are recommended on account of their light draft, large capacity, strength and long life. They are designed for slow speed, which in itself is a factor for reducing friction and wear. They are the only mills that will satisfactorily grind corn on the cob with a 2 H. P. gasoline engine. The product is evenly mixed. They do not shell the grain from the cob and grind the cobs after grain is ground.

Ear corn will not bridge across bottom of hopper and choke off supply of feed.

All parts are renewable and can be replaced at small cost.

A large metal hopper is used which cannot be broken in transit.

The wrought iron legs will not crack or easily become broken.

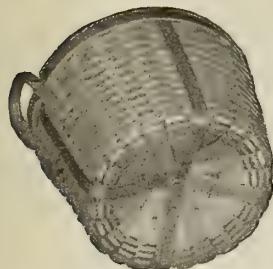
The rotating plate holder is provided with a cleaner which removes pieces of husks or other matter which might work in.

Discharge spout is of sheet steel and not so liable to be broken as cast iron.

Mill number.	H. P.	R. P. M.	Capacity, bushels per hour.	Floor space, inches.	Size of shaft, inches.	Size of hopper, inches.	Weight, mill only, with pulley, pounds.	Weight, elevator only, pounds.	Size pulley, inches.	Diam. of fly wheel when ordered, ins.			
1	2 to 6	200	10	24	1 ¼ x 35	18 ½ x 14	150	50	16 x 4	23			
	to	to	x	18 ½ x 14									
	600	30	36										
2	6 to 12	200	20	28	1 ½ x 42	22 x 22	220	50	16 x 6	23			
	600	60	42	x 16									

Ask for Prices and Big Catalogue.

BASKETS—All Styles and Sizes



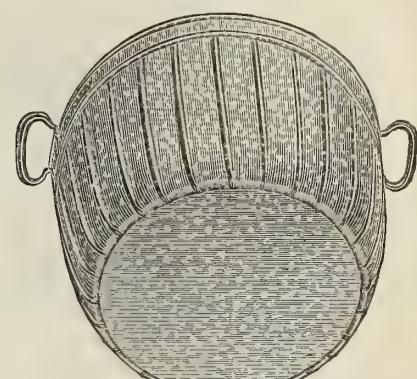
1 BU. OAK SPLINT BASKET.



BERRY BASKETS.



1/2 BU. OAK SPLINT BASKET.



GALVANIZED BASKETS.

COAL BASKETS, ALL SIZES—

Each	\$1 00
------------	--------

OAK SPLINT BASKETS—

1/2 bushel, each.....	30
1 bushel, each.....	50
1 1/2 bushel, each.....	70
2 bushel, each.....	85
3 bushel, each.....	1 15

OAK STAVE BASKETS—

1/2 bushel, each.....	25
1 bushel, each.....	40
1 1/2 bushel, each.....	50
2 bushel, each.....	65

STAVE BUSHEL BASKETS—

Per dozen.....	1 15
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COLLAR BASKETS—

No. 2, each.....	45
No. 3, each.....	50
No. 4, each.....	55

GALVANIZED BASKETS—

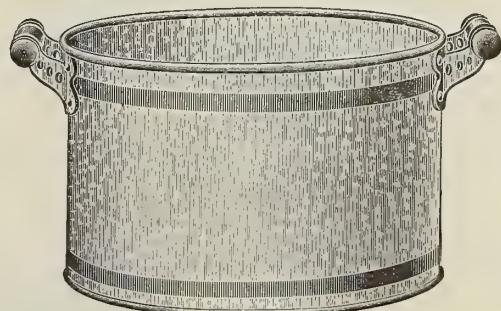
1/2 bushel, each.....	50
1 bushel, each.....	60
1 1/2 bushel, each.....	75

DIAMOND MARKET—

8 quart, per dozen.....	70
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BERRY BASKETS—

Per 1000.....	3 00
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GALVANIZED IRON MEASURES.

All sizes, from 2 to 32 quarts.



The Easy Opener Pocket Knife

We offer in this knife something every farmer should have—an American made knife with hand forged blades of the best razor steel, tested and warranted. We have this knife made for us in large quantities, and are in position to sell it at a much lower price than we otherwise could.

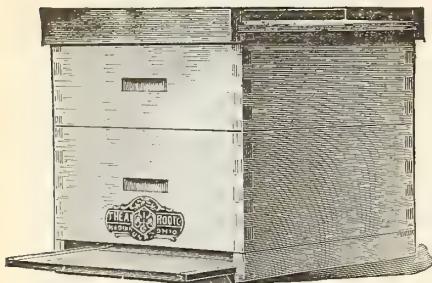
PRICE, with other goods, 50 cents.

Order one and see how good a knife it is. You can return it if you are not satisfied.

BEE KEEPERS' SUPPLIES.

This year we include for the first time an announcement of Bee Keepers' Supplies. Brief descriptions only are given on this page, and no pretense made to show our line. We represent the A. I. ROOT COMPANY, world's leading manufacturers of these goods, and will cheerfully give you complete information of a most reliable sort. Write us when buying bee goods.

THE DANZENBAKER HIVE.



DANZENBAKER HIVE.

As a comb-honey hive the Danzenbaker is one of the best we sell. The frames are $7\frac{1}{2}$ inches deep, reversible, closed-end; ten of them fill a brood-nest.

Shallow Danzenbaker frames are made to fit in the super interchangeably with the Danzenbaker section-holders, so that you can produce extracted or chunk honey in shallow frames, either alone or in conjunction with comb honey in sections.

Prices of Danzenbaker Hives.

AED52M—1½ story Danzenbaker hive for comb honey. No sections or foundation starters. Ten-frame size only.

Nailed and Painted, price \$3 00
In flat lots of 1 5
Price \$2 35 \$10 75 | Weight of five, 150 pounds.

AED64M—Same, with sections and one-inch foundation starters. Ten-frame size only.

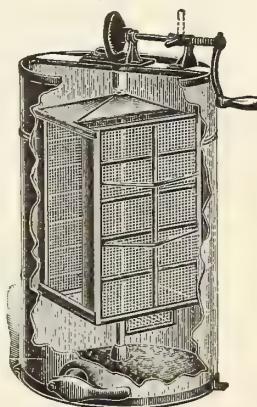
Nailed and painted, price \$3 40
In flat lots of 1 5
Price \$2 60 \$12 00 | Weight of five, 165 pounds.

THE NOVICE TWO-FRAME (Non-Reversible) EXTRACTOR.

This is the smallest machine for handling L. frames that we sell. It is intended for the use of those who have only a small number of colonies, and who desire a good, well-built, serviceable machine at a moderate cost. Being small and light, it can be very easily lifted and carried around, and some even use it for working in their out-apiaries. While not reversible, many think the combs can be handled almost as quickly.

Prices on Novice Extractors run from \$9.50 to \$10.50, depending upon sizes. When writing for quotations or placing order, **always** give size of your frame, **outside** measure; also length of top-bar.

Other Extractors, hand or power driven, are supplied in all sizes. Special booklet on "Power Extractors" and "How to Produce Extracted Honey," free for the asking.



NOVICE EXTRACTOR.

SMOKERS.

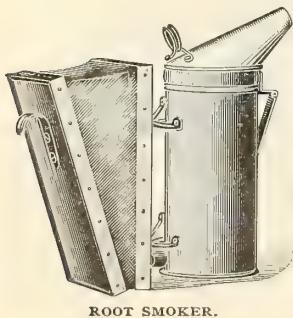
These are used for quieting bees when handling. We can supply all special sizes and styles, but unhesitatingly recommend the ROOT SMOKER here shown, in either of the following sizes:

Jumbo Root, 4-inch, \$1.25 each; postage, 32c.

Standard Root, $3\frac{1}{4}$ -inch, 85c each; postage, 28c.

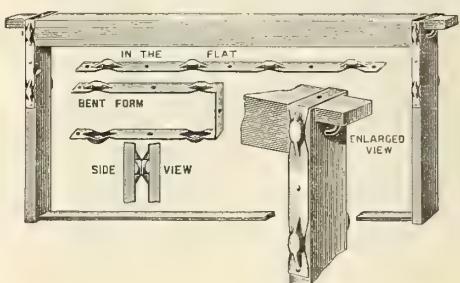
Junior Root, $2\frac{1}{2}$ -inch, 65c each; postage, 22c.

Jumbo or Standard, in copper, 50c each extra.



ROOT SMOKER.

METAL SPACED FRAMES.



METAL SPACED FRAMES.

Bee-keepers who favor the ever popular Hoffman will welcome the metal-spaced frame here shown. In some localities, where propolis is very abundant, sticky, and hard, the wooden projections of the regular Hoffman sometimes split off when the frames are pried apart. For localities where this condition is true we recommend the metal-spaced frame, furnishing the same as an option in all hive equipments at a slight additional cost. It can be used interchangeably with the regular Hoffman. The spacers on this new frame are stamped out of metal and must necessarily be accurate. The form of its construction in the shape of a letter U bending over the top-bar projection prevents the latter from breaking because of careless handling. They have been carefully tested, and give general satisfaction.

Metal-spaced frames, price in flat, including nails and staples, \$3.50 per 100; Metal spacers only, 35c per 100; \$3.00 per 1,000.

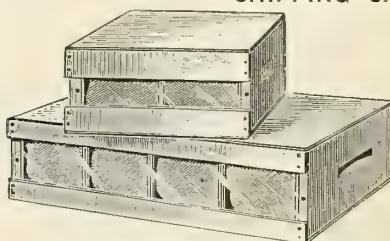
THE A B C AND X Y Z OF BEE CULTURE, 1910 Edition.

By A. I. and E. R. Root. The latest edition of this work is the most complete of any bee-book that has ever been issued in the English language. While it is still a book for the beginner, it may be read with profit by the advanced bee-keeper. So enormous has been its sale that the publishers have spared neither time nor money to keep this book fully abreast with the times. In the latest edition some scientific and technical matter as well as the practical has been added to its pages. It has been most carefully edited and revised, and the 1910 edition has been gone over page by page by several experts.

Prices, cloth bound, \$1.50; full leather, \$2.50; half leather, \$2.25. When sent by freight or express, 25 cents less. The editions bound in full and half leather include the bee-models, with key, bound in.

GLEANINGS IN BEE CULTURE.—Leading bee journal, semi-monthly, beautifully illustrated and printed, authoritatively edited, \$1.00 per year in the United States. Six months' trial subscription, 25c.

SHIPPING CASES.



HONEY SHIPPING CASES.

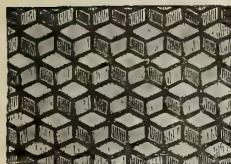
Honey well displayed is half sold. Besides this, it is important that the bee-keeper should not risk his valuable crop in poorly made shipping cases, which do not hold sections securely, and very often damage the shipment at a great loss. The cases here shown, and others in our line, are made with greatest care and accuracy. Glass front for displaying honey. Made to hold from one to two dozen sections of all standard sizes.

Prices, including glass front, run from 25 to 30 cts. each (nail-ed), and from 15 to 25 cts. in flat quantities at liberal reduction.

Honey well displayed is half sold. Besides this, it is important that the bee-keeper should not risk his valuable crop in poorly made shipping cases, which do not hold sections securely, and very often damage the shipment at a great loss.

Bee Keepers' Supplies—(Continued).

COMB FOUNDATION.



COMB FOUNDATION.

There is little question that it pays to use foundation in full sheets in the brood-frames and sections, especially the latter. If you think you can not afford so much you should at least have a strip for a starter. It will help much more than it costs you, in getting straight, even combs. You can use a starter any width from one inch up. In

sections by far the best results are obtained by using a bottom starter not over $\frac{1}{8}$ inch, and a full top starter reaching to within $\frac{1}{4}$ to 3-16 inch of the bottom starter. Owing to the difficulty in fully describing the several different grades and sizes of foundation for comb and brood frames, we suggest that bee-keepers correspond with us on this subject. Full information, with samples and lowest prices, will be cheerfully given.

Get My Complete Illustrated Catalogue of Bee Supplies.

REX, The King of All Washers.



REX WASHER.

High Speed Fly Wheel; Fast Revolving Dasher.

New in design, new in construction. The Acme of efficiency. Double thickness overlap lid, when open allows plenty of room for operator to put in and take out clothes.

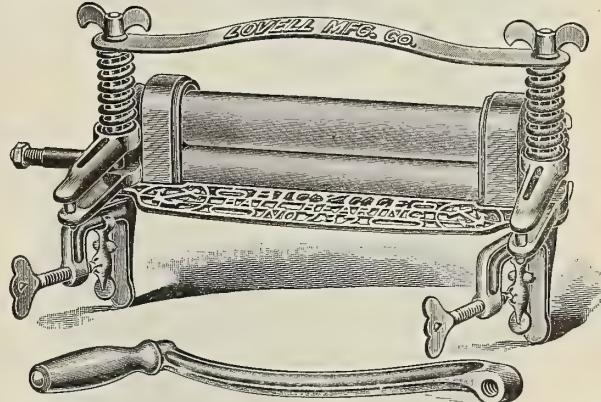
Large tub made of Louisiana Red Cypress. Plenty of room for large sized wringer. The dasher is fitted with our new device for preventing clothes from catching and tearing. The castings are so balanced that by lifting with the lever, the cover will open very easily.

The Castings, where extra strength is required, are made malleable, insuring against breakage. We offer this Washer to the trade as the most efficient, easiest running, and desirable Washer we have ever placed on the market. It runs quietly and embodies the desired high speed with the least possible effort.

Price, each \$8.50

Bicycle Wringer.

Ball Bearing. Guaranteed by Gordinier.



Price, each \$3.00

The Stewart No. 1 Ball Bearing Clipping Machine.

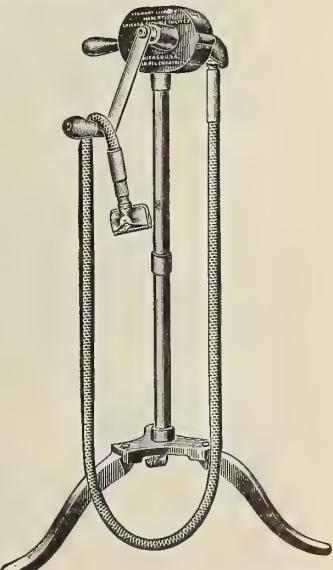
Price, only, \$7.50.

Here's a clipping machine you can take out of our store with the understanding that you can try it out against any other clipping machine on the market at any price, and if it isn't better in every way bring it back. That's the guarantee the makers give us and we give it to you, because we know it will make good.

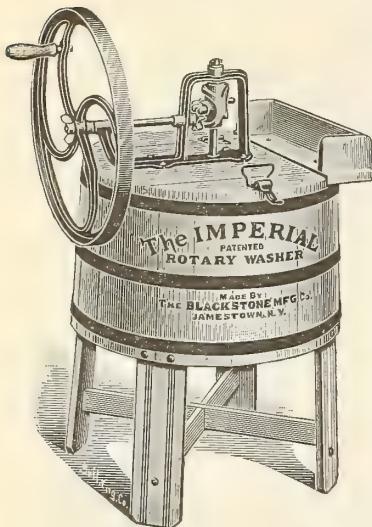
Every part of this splendid machine is accurately constructed out of the best materials obtainable. The gears are all cut from the solid steel bar and are subjected to a special hardening process that makes them as hard and tough as it is possible to make such material; they are all enclosed, protected and run constantly in oil. This and the ball bearings do away almost entirely with friction and wear.

The flexible shaft is the best grade and six feet long, so that all part of the horse can be reached easily. The clipping knife is the famous Stewart one-nut tension pattern.

This machine runs extremely easy, clips very fast and will last a lifetime compared to any similar machine on the market.



Imperial Rotary Washer



The dasher post is made of cast iron, heavily galvanized, while the dasher is made of hard wood. The two working together will not wear the galvanizing off, as on some machines where iron dashers and iron posts are used, the two working together will soon wear the galvanizing off and you will then have rust spots on your clothes. Do not be deceived with the many inferior Washers on the market; the best is always the cheapest in the end. A trial of the Imperial Rotary will convince you of its superiority.

Price, each. \$7 00

Galvanized Washtubs

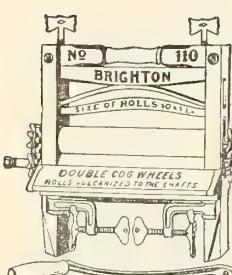


Heavy Galvanized Washtubs; no leaking; no hoops to fall off; strong and durable.

DIXIE PRICES.

No. 11, each..... 70c
No. 33, each..... 90c

Wringers



The life of a wringer depends on the quality of rubber in the rolls, and it always will be our aim to offer you only such goods as we consider thoroughly reliable. All of our wringers are made of the best materials by skilled workmen, are finely finished, and cannot be surpassed by any similar goods on the market.

OUR GUARANTEE.

Preserve the guarantee tag which is attached to each wringer, and if the rolls should prove defective within the time therein specified, send us the tag, stating full particulars, and give date of purchase. We will replace, free of charge, any rolls proving defective under our guarantee.

PRICES.

No. 110, Brighton Wringer, guaranteed for one year.... \$2 50
No. 770, Bicycle Wringer, guaranteed for 3 years..... 4 00
No. 790, Guaranteed Wringer, guaranteed for 5 years., 4 50

Turbine Motor Washer RUN BY CITY WATER PRESSURE.



If the water pressure in your home is 25 pounds or over, this Machine will do your washing.

You turn on the water and the Machine does the rest. Always ready for use.

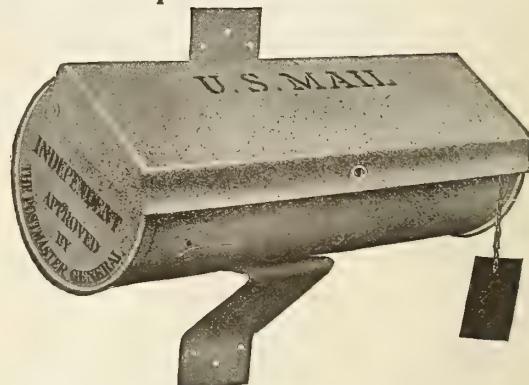
No labor of any kind required.

Every family should have one, as it saves the hard work.

The motor is substantially made of brass, which prevents rust, and is perfectly machined to provide against wear. It has no small parts to get out of order and will always give satisfaction.

Price, each..... \$14 00

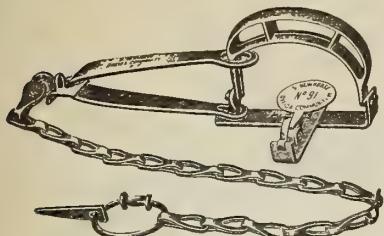
The Independence Rural Mail Box



APPROVED BY THE POSTMASTER GENERAL.

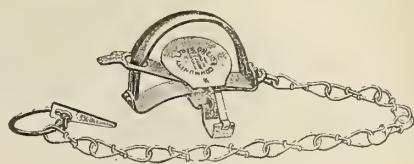
The Independence Mail Box is made of steel, cylindrical in shape, and has an overlapping stormproof cover. It is heavily galvanized and painted with aluminum paint, which prevents rusting and always appears bright and new. It is so constructed as to be entirely waterproof. It has a red painted signal.

Price..... \$1 00



Jaw Trap

PRICES.		
	Each.	Doz.
Single Spring Traps, No. 1....	\$0 15	\$1 60
Single Spring Traps, No. 1½...	20	2 25
Double Spring Traps, No. 2....	30	3 00
Blake's Jump, No. 1.....	15	1 65



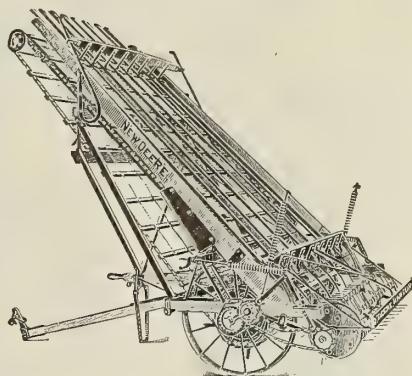
Jump Trap



Barrel Trucks

FOR HOUSE OR STORE.

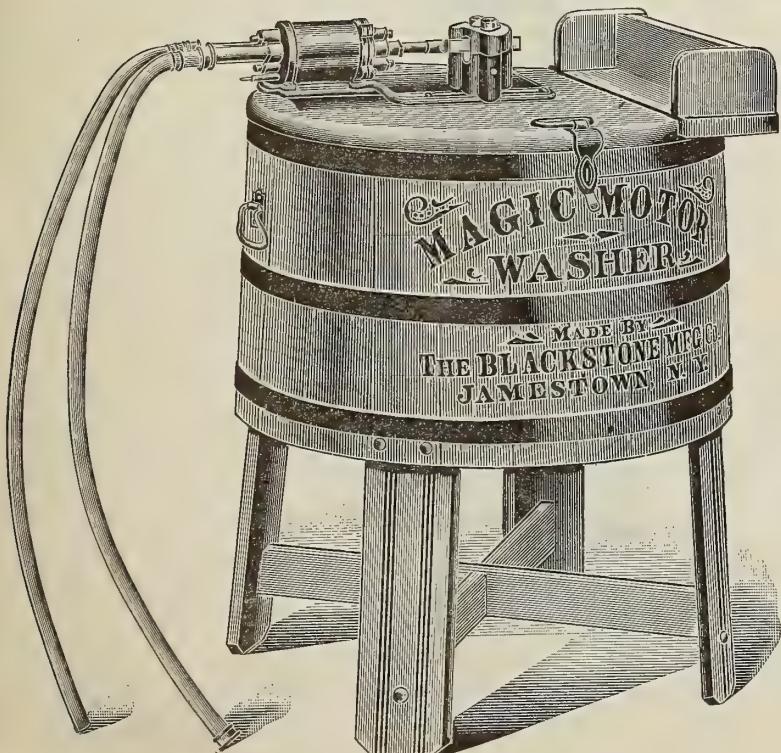
Straight Handles.....	\$2 00
Bent Handles.....	2 25
Ames' Ash Barrel Truck....	2 25



The New Deere Hay Loader

Is by far the most satisfactory Loader made. It has more capacity than any other Loader; it is strong and durable. It will load from the swath and gather the hay as clean as with a rake, which is a great advantage where the grass is heavy. It handles the hay equally as well from the windrow. The capacity adjustments in this Loader are automatic, so that at any moment the machine is ready for either swath or windrow work. The manufacturers of Deere Loader have the reputation of building only high grade work. They have been to great expense in perfecting the implement, and did not offer it for sale until it had been fully tested in the field. It is fully guaranteed.

The New Deere Hay Loader, 6 ft.....Price \$65 00



The Magic Motor Washer

RUN BY CITY WATER PRESSURE.

If the Water Pressure in Your Home is 40 Pounds or Over, This Machine Will Do Your Washing.

It is a great labor saver at the home. Will last a life time and actually makes wash day easy. It is the most simply constructed of any Water Motor on the market and is so constructed that it will use a very small quantity of water with the greatest efficiency.

We guarantee the machine to run perfectly satisfactory under a pressure of 40 pounds or over and cheerfully recommend this as the greatest labor-saving machine that has ever been offered to the public. If you are interested it will pay you to investigate this machine.

Price, each.....\$14 00

PUMPS**Myers' Force and Lift Pumps**

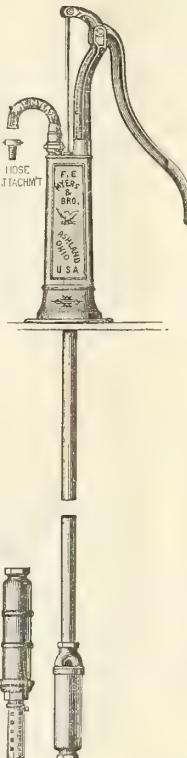
This illustrates a few of the latest and most improved Force and Lift Pumps on the market. They are manufactured of the best materials and all the newest mechanical devices, and are perfect in every respect. We have not room here to show our full line, but if it is a pump, GORDINIER HAS IT.

MYERS' FORCE PUMP

Brass lined cylinder; glass valve seat; large air chamber; suitable for wells 10 to 150 feet deep.

Represents a Submerged Cylinder, Deep Well, Double Acting Force Pump, No. 86 is for wells 10 to 75 feet deep, will go into a 4½ inch cased well, has a 3 inch brass-lined lower cylinder, with the latest improved glass valve seat and sand plunger (tapped for 1¼ inch pipe). The brass upper cylinder is 4½ feet below the platform.

Price..... \$10 00

**OAK WELL BUCKETS**

With Galvanized Hoops..

No. 0..... 75c. and \$1 00

**OLD STYLE CISTERN PUMP**

A Pitcher Spout Lift Pump, No. 220, has 3 inch brass cylinder and patent glass valve seat.

Price..... \$3 50

In 4 Sizes.

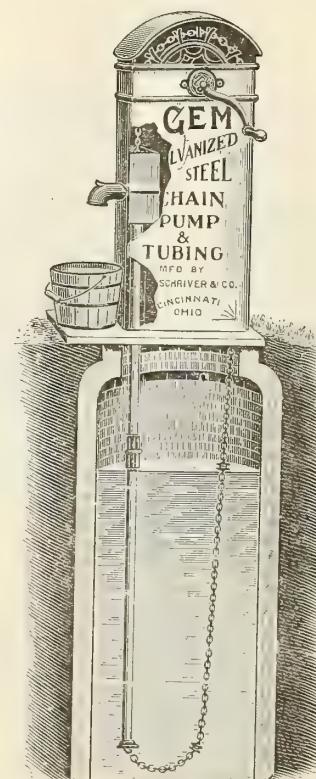
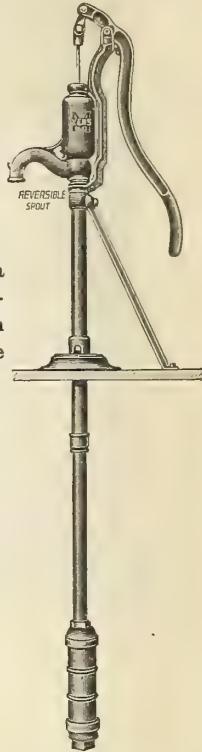
No. 1, 1 inch pipe.....	\$1 25
No. 2, 1½ inch pipe.....	1 50
No. 3, 1½ inch pipe.....	1 75
No. 4, 1½ inch pipe.....	2 00

MYERS' LIFT PUMP

Illustrates a Lift Pump, No. 128½, has a 3 inch brass-lined cylinder four feet below the platform (tapped for 1¼ inch pipe), special sand plunger, glass valve seat and adjustable base and brace.

Price, 3 inch cylinder..... \$6 00

3½ inch cylinder..... 6 50



**GEM GALVANIZED
STEEL CHAIN PUMP
GORDINIER'S BEST.**

Has extension base, which also projects below platform, and is easily fitted by cutting a square hole in the platform the length and the width of the bottom of pump.

The fixtures are first-class and anti-freezing.

The pump is painted stone-color, with two coats of the best paint, and is neatly stenciled and varnished.

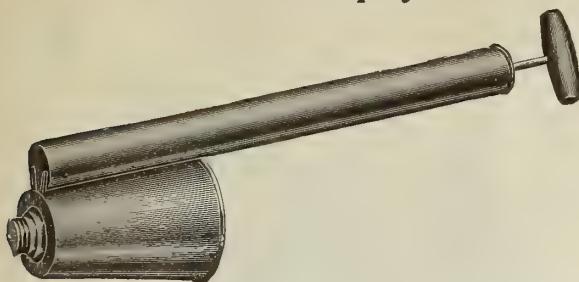
Made entirely of galvanized steel, in four pieces, locked together with its own metal.

There are neither rivets nor solder on it, making it very strong.

PRICES.

Galvanized Curb.....	\$2 25
Tubing, per foot.....	10
Rubber Buckets, each..	08
Chain, per lb.....	08

Lowell Grand Sprayer

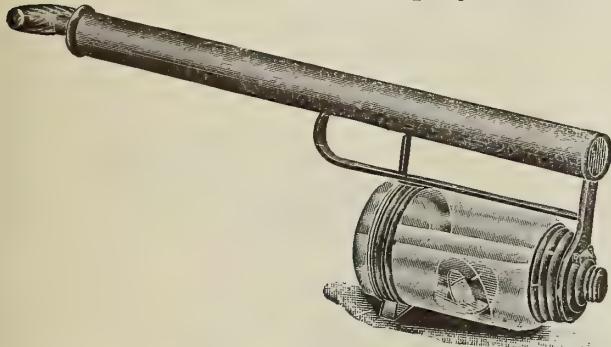


They have an Air Chamber in the end of the pump tube that prevents any moisture being drawn back on the valves. The pump tube is twenty inches long, and the tapering form of the tank allows the use of two short straight brass solution tubes which helps to make the sprayer easy to operate.

No Corks to Lose Out—They have a screw cap where tank is filled. Only high grade material used in construction. **Strong, Durable and Satisfactory.** Will spray up as well as down.

Price, each..... 50c

Lowell Glass Tank Sprayer



No Corks to Lose Out—They have a screw cap where jar is filled.

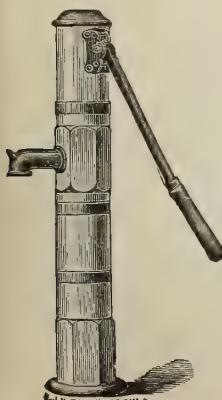
A perfectly dry pump—when plunger is drawn back no solution is sucked back into pump cylinder; this leaves valves always dry and pliable and ready for use, pump cylinder being six inches longer than any other make allows operator to stand up straight and gives no backaches. Will spray up as well as down.

Each sprayer has a large hand hold agitator, two short straight brass solution tubes, valves are cut from whole hides of best leather. Jar is held by a heavy One Inch Band of XX Tin. No wire band is used.

Solution tank is a one quart Mason Glass Fruit Jar.

Finished a bright red enamel.

Price, each..... 60c



Columbia Pump

This is the best wood out-door pump that we can buy.

PRICES.

7 ft. top, complete..... \$12 00

Tubing, round, per ft..... 12

Dry Powder Gun



One of the best for applying dry powder. Guaranteed. Price, each..... 60c

Bucket Spray Pump



This is our All Brass Hand Bucket Spray Pump. It is constructed entirely of brass, the same as the barrel pump, and is not affected by the poisonous liquids used for spraying fruit trees, vines etc. It is provided with ball valves, and the pressure is held uniformly in the air chamber and on the hose, so that the nozzle throws a continuous spray and is not affected by the movement of the plunger. Will throw solid stream 50 feet. It is also used for washing windows, wagons, etc. They are also fitted with a sprinkler for flowers.

Price..... \$5 00



No. 1.

Rubber Buckets

For Chain Pumps, each... 8c

Pump Extras

Drive Well Points for 1 1/4 inch pipe, each.....	\$0 90
Drive Well Points for 1 1/2 inch pipe, each.....	1 25
Drive Caps Points for 1 1/4 inch pipe, each.....	15
Pitcher Pump Leathers, for valve or plunger, all sizes, each	10
Extra Plungers, complete, for No. 1 Pitcher Pump, each.	50
Extra Plungers, complete, for No. 2 Pitcher Pump, each.	60
Extra Plungers, complete, for No. 3 Pitcher Pump, each.	70
Extra Plungers, complete, for No. 4 Pitcher Pump, each.	80
Cut Leathers for Pitcher Pump, 2 1/2 inch, fits No. 1, each	15
Cut Leathers for Pitcher Pump, 3 inch, fits No. 2, each	20
Cut Leathers for Pitcher Pump, 3 1/2 inch, fits No. 3, each	20
Cut Leathers for Pitcher Pump, 4 inch, fits No. 4, each	25

GALVANIZED IRON PIPE AND 3/8 PUMP ROD. Write for prices.

New "Brandt" Compressed Air Sprayer

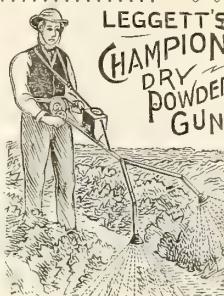


Price, each, galvanized..... \$5 00
Price, each, copper..... 6 00

Champion Duster

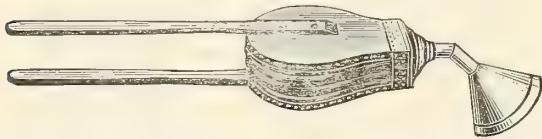
For dry powders. Handles two rows at one time, adjustable to any width of row; will do as much in one day as a horse power sprayer. 4 tubes, 6 nozzles, 2 carrying straps and 1 oil can with each machine. Capacity, over 1 quart of powder. Weight about 6 lbs.; shipping weight 15 lbs.

Price \$8 00



LEGGETT'S
CHAMPION
DRY
POWDER
GUN.

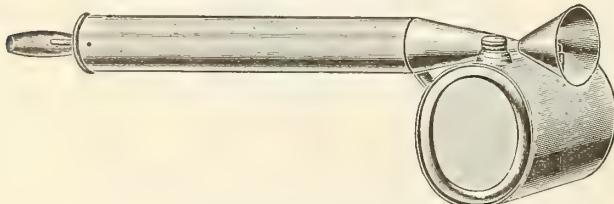
The Acme Powder Gun



The Acme Powder Gun is the simplest tool ever made for applying poison to growing crops. It is entirely independent of water or plaster. No poison is left about the fields to kill stock. It requires no base of supplies; all you need carry is a can of dry insecticide and the gun. Without stooping—the elbow does it—it applies any powdered poison on any plant in any desired quantity any time of the day. The elbow may be detached if desired. The tool is well made of the best materials, and is thoroughly guaranteed.

Price 75c

New "Cyclone" Spray Pump

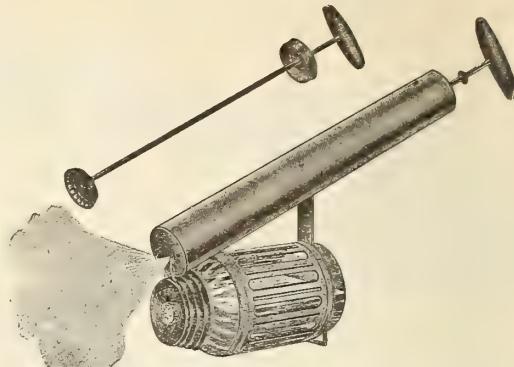


LARGER AND BETTER.

Large Tank and double seamed heads. Tube stationary, so that there is no danger of getting out of place. A good insect exterminator, made of heavy tin. Throws a spray as fine as mist and is therefore very effectual. Directions for using with each.

Tin 50c
Brass 75c

Double Tube Glass Jar Sprayer

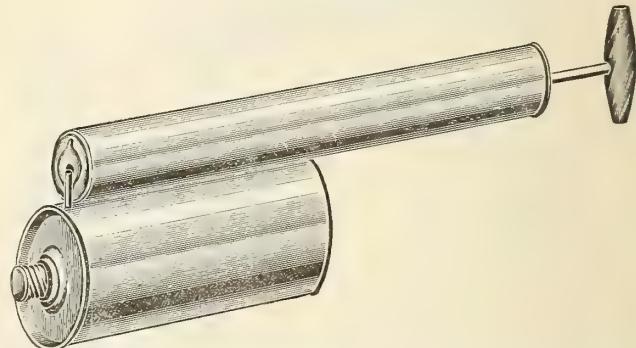


MOST POPULAR SPRAYER USED.

Reservoir made of glass, detachable and encased so that the operator at all times can see the ingredients mixing and see just how they are working. Being oblong gives a churning motion, while the sprayer is being used, that will not allow any of the sediment to settle. Will not corrode or rust out, as sometimes is the case with metal sprayers. Air chamber and jacket are made of heavy tin, nicely painted a bright red. Has large capacity, producing two large sprays with one operation, covering a radius of 2½ feet.

Price..... 60c

Little Wonder Spray Pump



A good cheap pump for spraying Liquid Lice Paint and for spraying cattle. Made of heavy tin.

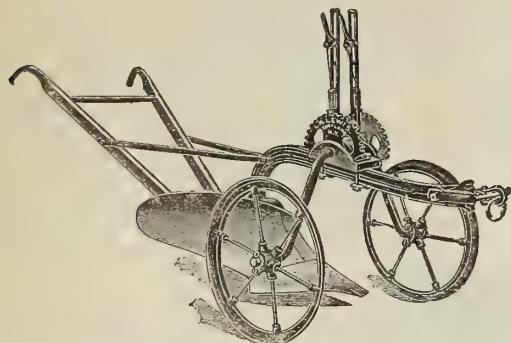
Price, each..... 25c

"Lightning" Whitewash Spray and Force Pump

WILL FIT ANY PAIL OR BUCKET.

This is the only spray pump that will properly spray whitewash without clogging. It will do much better work than can be done with a brush, especially on rough surfaces, as the force with which the material is applied causes it to penetrate the crevices and openings, thus making it a complete and perfect job. It is adapted for washing buggies, windows, extinguishing fires, sprinkling lawns, flowers, spraying trees, etc., as well as for whitewashing. The stirrup is made of steel. To throw a solid stream remove the slotted cap from the inside of the nozzle shell. Keep the plunger well oiled. After whitewashing the pump should be thoroughly washed so as to remove all lime, etc.

Price..... \$1 75

The Winner Plow Truck.

How it works—The Winner Truck is attached to the plow beam directly over the point, and may be fitted to any style or size of beam, whether steel, iron or wood, and works equally well on a right-or-left hand flat-land plow or a reversible plow. Each wheel is controlled by a separate lever, and is raised or lowered by pushing the lever backward or forward. When both levers are set in the middle, the wheels are even and at their lowest point, which raises the plow point about four inches from the ground.

In this position the plow is drawn from shed to field, or from place to place, or pushed about by hand as easily as one handles a wheelbarrow.

When the right lever is pushed clear back and the left lever clear forward, both wheels are raised from the ground. Then the plow is properly arranged for turning the first furrow. As the plow draws in, both wheels are brought to the surface of the ground.

The forward, or right-hand wheel, is thrown down in the furrow, the left-hand wheel being thrown back and up on the land side in proper position to gage the depth of the furrow.

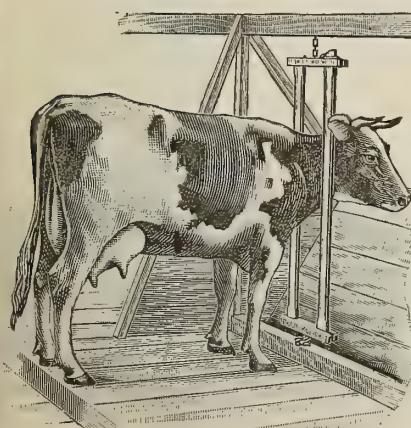
When you have adjusted the wheels to the depth you want to plow, the truck will do the rest. It will hold the plow to its work, and to the exact depth to which you set it in the hardest or stoniest field you care to turn.

Understand, the wheels are instantly adjustable. Simply move the lever to the notch, which places the wheel where you want it.

Yet, with this simplicity of adjustment and ease of handling, the Winner Plow Truck is so strong, substantial and firm at every point that it is like a part of the plow itself.

PRICES.

Winner Plow Truck	\$10 00
Winner Seat Attachment	3 00

Robertson's Chain Hanging Stanchions.

ARE
PRACTICAL, SAFE
and
DURABLE.

Will afford Comfort to the Animal.

Made with either rigid or adjustable neck space.

Price, each, \$1.25.

Lane's Patent Steel Frame Canvas Coal Basket.

Canvas is extra quality; extra heavyweight; bottom doubled; sides reinforced and rim bound with leather.

PRICE.

100 pound basket, \$2.00.

Wagon Umbrellas.

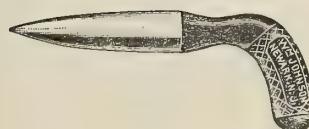
BELOW COST, as our name and business is printed on each umbrella. This is an advertisement, and we are willing to pay for it by selling you a high-grade umbrella for less than cost. These umbrellas are suitable for protection from rain and sleet, and are not the cheap sun umbrellas sometimes offered.

Price, each...75c

**Ames Bag Holder and Truck Combined.**

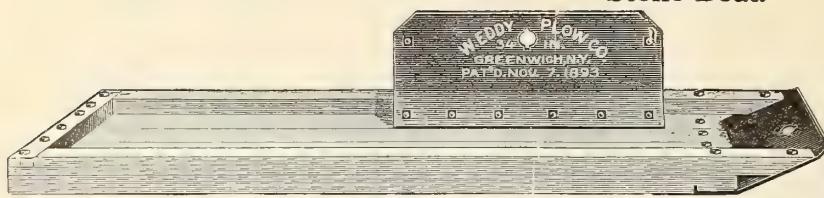
Metal Tunnel adjustable to desired height, with steel hooks for holding bag while being filled. The wheels are for convenience in moving bags a short distance after they have been filled.

Price \$2 75

Dibblers.

Each 30 cents.

Stone Boat.



Moore Bros. "No-Fly."

For Flies and Mosquitoes, also Lice, Mites, Gnats, Screw Worms and Other Insects.

Directions for Use.

Flies and Mosquitoes—To protect animals from flies and mosquitoes, apply No-Fly lightly over the animal with a brush or sponge, or with a sprayer if possible, giving special attention to the legs, head and sides. Apply as often as may be necessary.

For Lice and Mites—Apply thoroughly to affected parts, rubbing in thoroughly with cloth or sponge, or spray thoroughly.

Gad-Fly—Paint nose of animal with No-Fly once every other week during fly season.

Screw Worm—Paint part affected with No-Fly.

No-Fly kills all vermin that it touches, and drives away insects, but is absolutely harmless to the animal. Shake well before using. Apply as often as necessary. It is better to give a light application frequently than a heavier coating at long intervals. For animals under shelter, keep room darkened as much as possible during fly season.

The easiest and most economical way of applying No-Fly is by means of our sprayers, 25c, 50c and 65c each.

PRICE.

1 gal. can 75c each.



THE SUPERIORITY

of our make over the other SO-CALLED Grass Catchers consists first of an universal attachment made of malleable iron, that fastens on the yoke of the mower, and is so arranged that it is possible to attach it to any mower no matter what the diameter of the drive wheel. Second, the side frame can be lengthened or shortened by means of a set screw and clamp, so that the pan will travel directly behind the roller whatever the wheel base may be. Thus it is guaranteed to fit perfectly all styles and makes of lawn mowers. This catcher can be removed to put away or empty in an instant.

Made in three sizes, 14-16, 16-18, 18-20, \$1.50 each.

This cut represents a Stone Boat or Drag, built of the most seasoned timber, clad with steel and thoroughly bolted together, making it one of the best Stone Boats manufactured with a steel front.

Write for Prices.

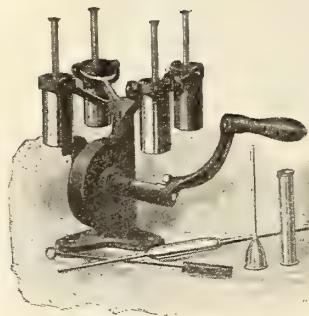
The Babcock Tester.

Shipping weight about 17 pounds.

All Testers are equipped with full set of glassware for testing milk; also furnished with brush and bottle of acid.

PRICES.

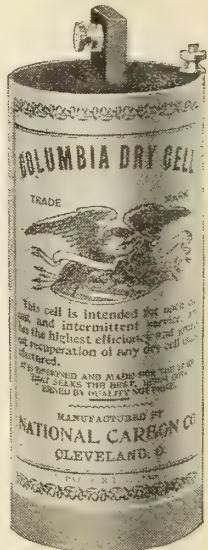
No. 1, two-bottle size... \$4 00
No. 2, four-bottle size... 5 00



Columbia Batteries.

Size, 8x3 1/2.

Price, each 60 cents.



Hot Bed Matts.

Size, 76x76.

Price, each \$1 25

The Van Slyke Silo.

Why You Should Buy a Silo.
Figures taken from the Country Gentleman, December 12, 1907:

One ton of hay occupies 400 cubic feet.

Eight tons of ensilage occupies 400 cubic feet.

One ton of hay contains 400 cubic feet.

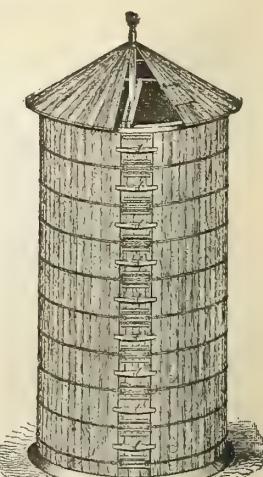
One ton of hay contains 1,680 pounds dry matter.

Eight tons of ensilage contains 3,360 pounds dry matter.

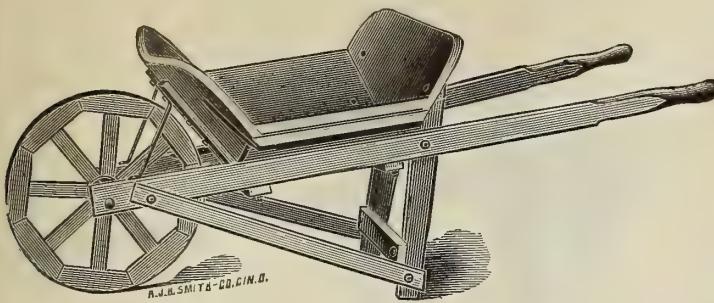
One ton of hay contains 886 pounds digestible matter.

Eight tons of ensilage contains 2,094 pounds digestible matter.

How much stronger argument for the use of ensilage could be presented? If the farmers of the country, especially in the corn belt, could realize only in a small measure the value of ensilage for feeding cattle in winter—and the year round—every one would build a Silo regardless of the cost.



WRITE FOR PRICES.



Beekman Garden Barrow

This barrow is made of hard wood but not all oak; it is well made, all parts being bolted or screwed. Our best seller.

PRICES.

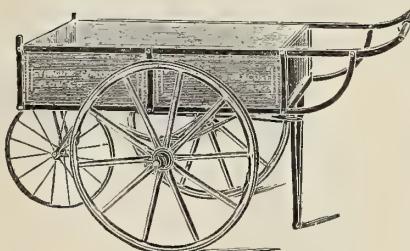
No. 4, medium size, for garden..... \$4 00
 No. 5, large size, for farmers..... 4 50
 No. 6, large size, for farmers..... 5 00



Steel Tray Canal Barrow



The framework of this barrow is bolted together, and is fitted with a steel tray and patent wood wheel with iron hub, specially adapted for heavy work.
 Panama \$3 50
 Deep Steel Tray, No. 1 4 50



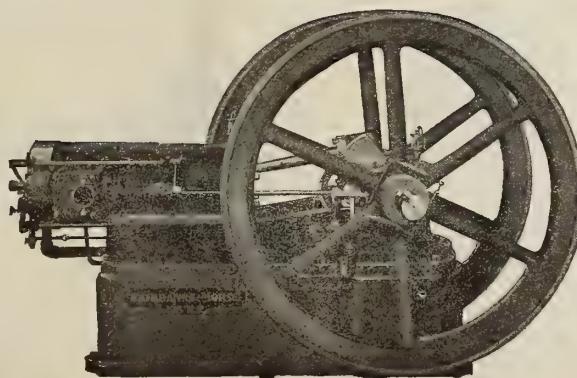
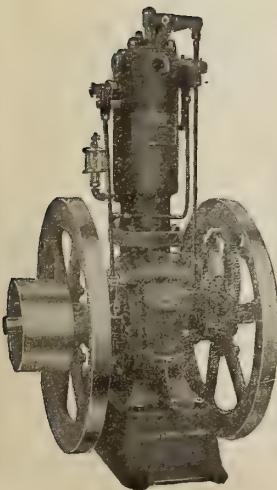
Syracuse Hand Carts

Wood wheels of improved pattern, which do not project above box. Furnished with three-leaf springs. Box well ironed, and the leg folds up to handle. Box painted olive and wheels red. Handsomely striped and varnished. Will carry 400 lbs., and can be handled by a boy.
 Price \$12.00.

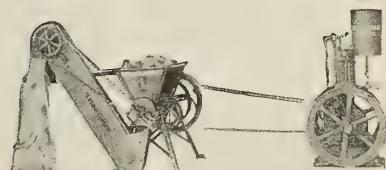
BIG GASOLINE ENGINE DEPARTMENT

CELEBRATED LINES IN STOCK. ALL SIZES.

Write for Big Engine Catalogue.



Be Your Own Miller



2 H. P. Jack of All Trades Engine
 Belted to No. 1 Fairbanks-Morse
 Feed Mill with Elevator and Bagger.

Garden Rakes

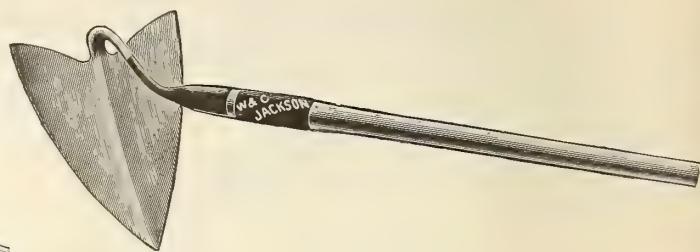
All Sizes.
From 25c. to 75c.

**Hoe and Rake Combined**

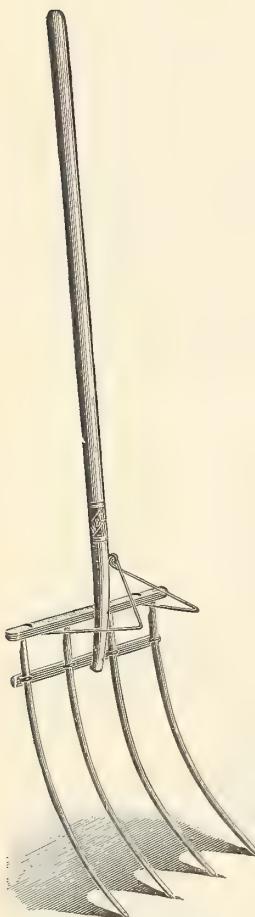
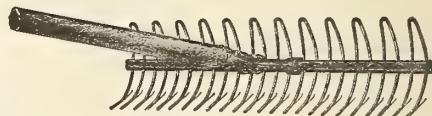
25c. and 40c.

**"Warren" Hoe**

60c.

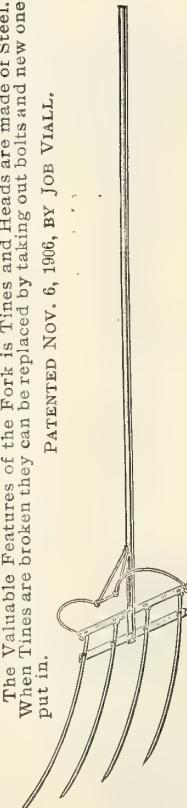
**Lawn Rakes**

All Sizes.
From 25c. to 75c.



Barley Fork
Wood Tined.
60c.

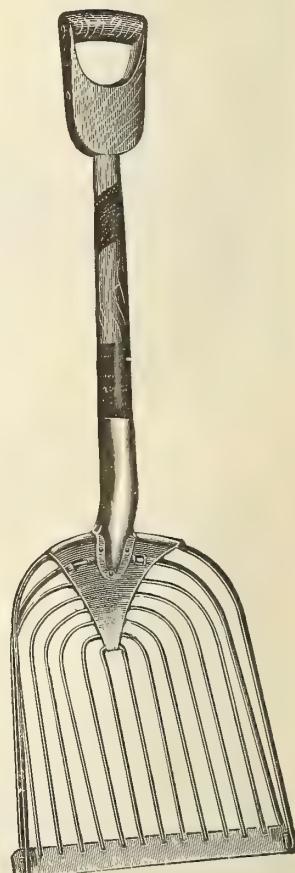
The Valuable Features of the Fork is Tines and Heads are made of Steel.
When Tines are broken they can be replaced by taking out bolts and new one
put in.
PATENTED NOV. 6, 1906, BY JOB VIALL.



Viall Fork
\$1.00.

Shovels

Long or Short Handles.
Round or Square Points, 65c.

**Scoops**

All Sizes and Makes.
50c. to \$1.25.

Potato Scoops

Wood, each.....	\$1 15
Malleable, each.....	1 25
Wire, each.....	1 25

**Hay Forks**

All sizes, 50c.

**Manure Forks**

Several Sizes.

From 60c. to \$1.00.

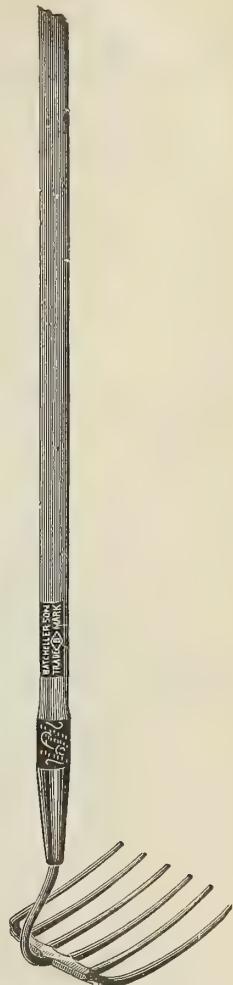
**Potato Forks**

Several Sizes.

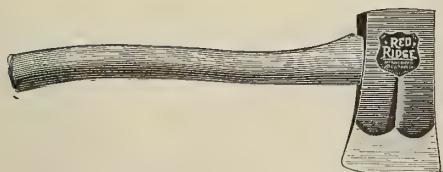
From 65c. to 75c.

**Ensilage Fork**

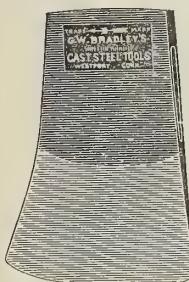
\$1.25.

**Potato Hook**

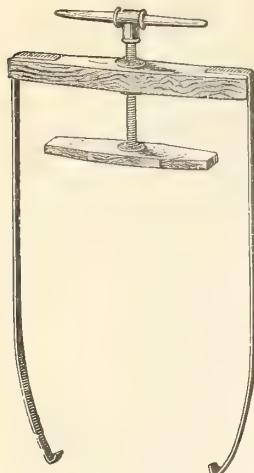
60c.

Axes**Hatchets**

Prices from 25c. to 75c.

Bradley,
Each, \$1.00.Jamestown,
Each, 75c.Red Ridge Handled,
Each, 75c.

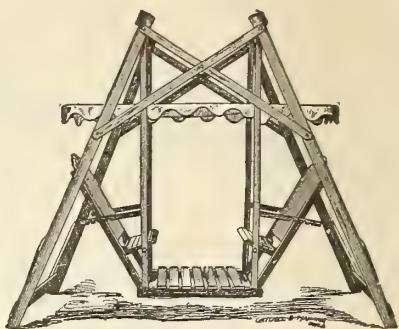
Other styles from 75c. to \$1.25.



Barrel Header

Screw, \$1.25.

Lawn Swings



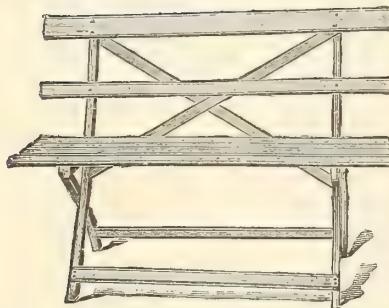
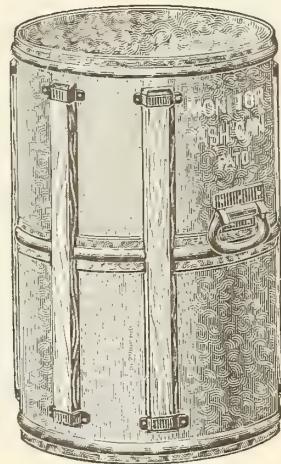
4 passenger, wood, \$6.50.

4 passenger, steel, \$12.

Galvanized Ash Cans

Covers for ash cans, 35c.

No. 08, 18 x 26, \$2.25.



Lawn Seats

Wood, 75c. and \$1.00.

Steel, \$7.50.

Galvanized Watering Cans



From 4 to 20 quart,

At 40c. to \$1.

Lawn and Cemetery

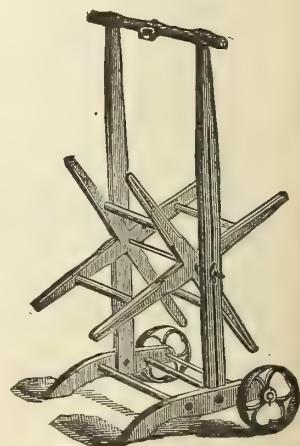
Vases

All sizes. Ask for prices.



Hose Reel

Eureka.....	\$0 75
Excelsior.....	1 75
No. 10, all iron.....	2 50
No. 20, all iron.....	3 00



Garden Hose



GORDINIER'S BOSTON TERRIER, SEVEN PLY, OR
BULL DOG.

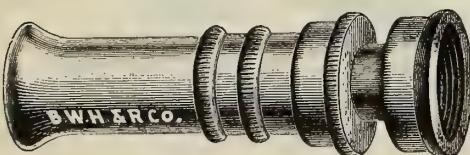
¾ inch, per foot..... 14c



GORDINIER'S LEADER.

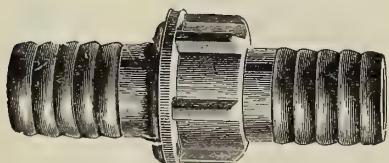
¾ inch, per foot..... 11c

Hose Nozzle

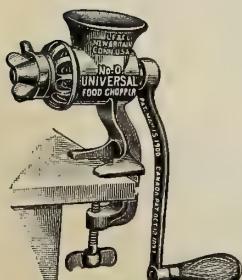


From 35c. to 50c.

Brass Hose Couplings.

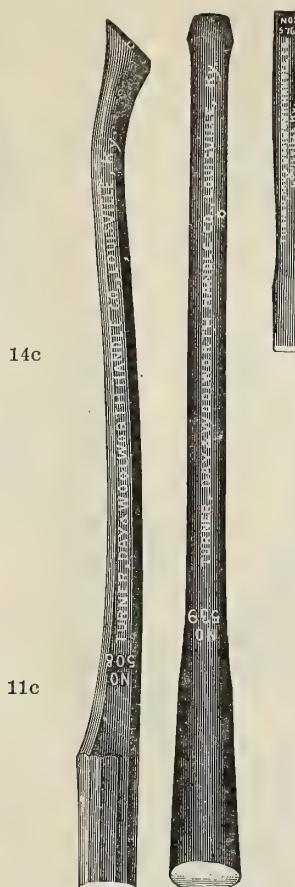


10c. each.



Food Choppers

No. 0.....	\$0 85
No. 1.....	1 00
No. 2.....	1 25
No. 3.....	1 75



Handles

We carry an enormous stock and can supply any handle you may want. Prices from 10c. to 50c.



Machine Oilers

All Sizes.
From 10c. to 35c.



House Scales

\$1.25, without scoop.
\$1.75, with scoop.



Hand Ice Tongs

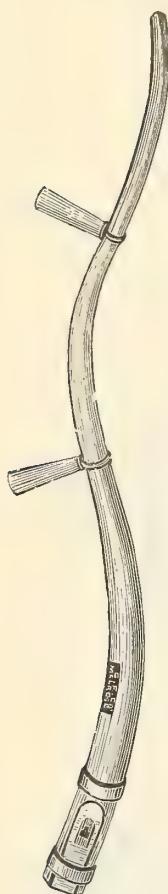
No. 2, opens 17 inches.....	60c
No. 3, opens 20 inches.....	70c
No. 4, opens 24 inches.....	80c
No. 5, opens 27 inches.....	90c

Bush Scythe**Snaths**

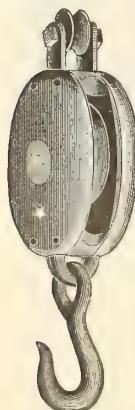
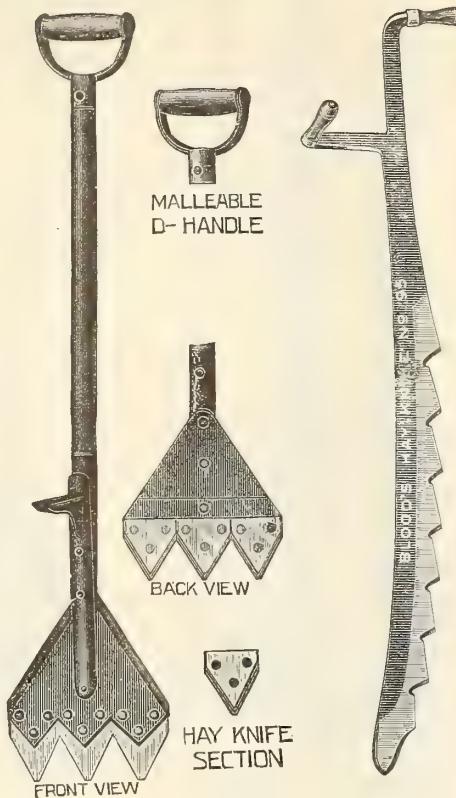
65c.

Scythe Snaths

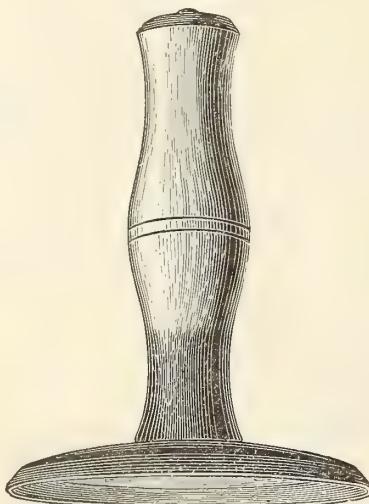
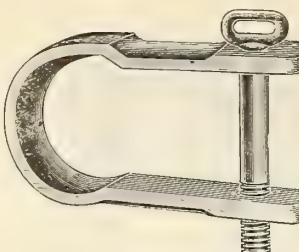
65c.

**Pulleys and Pulley Blocks**

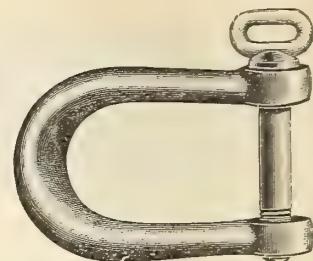
All Sizes and Makes.

**Hay Knives**D-Handle.
90c.Serrated Blade
75c.**Hog Scrapers**

10 and 25 cents.

**Plow Clevinces**

15c. each.



20c. each.

Rail Road Picks60c. each.
Handles extra.**Double Bitted Mattocks**60c. each.
Handles extra.**Carborundum****Sharpening Stones**

Everyone who owns a knife or a tool of any kind should know about these wonderful sharpening stones. They put a keen, smooth edge on any kind of a tool quickly and easily. Sharpen anything from a needle to a scythe.

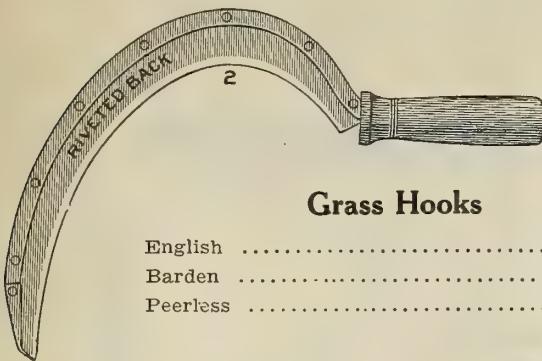
The Carborundum scythe or grass hook stone is a wonder—give a keen edge without grinding. Bring us a knife or tool of any kind and let us show you.

25c. each.

**Scythe Stones**

WESTERN RED ENDS

10c. each.

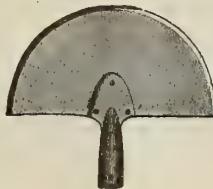


Grass Hooks

English	40c
Barden	35c
Peerless	25c

Edging Knives

9 inch.....	60c
Handle 15c. extra.	



Gordinier's Corn Husker



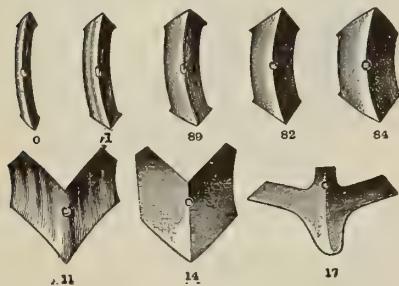
Price 5c.



Gordinier's Scuffle Hoe

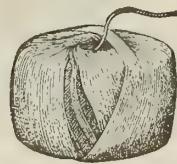
8-inch, with handle.....	60c
9-inch, with handle.....	65c

Cultivator Points



1 1/4 inches and bolts, each.....	\$ 0 10
2 inches and bolts, each.....	10
3 inches and bolts, each.....	12
4 inches and bolts, each.....	15
7 inches and bolts, each.....	20
For Wright's old wooden frame cultivators, 3 inches, each	6 inch.....
Eddy Oval Points, each.....	8 inch.....
Hiller Wings, per pair.....	10 inch.....
	12 inch.....
	15 inch.....

Binder Twine and Rope

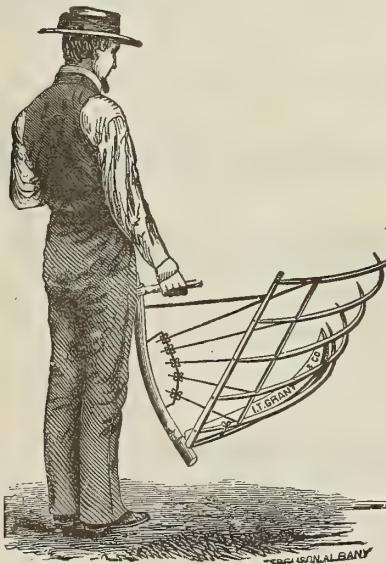


Sisal and Manilla Binding Twine.

Special price on large quantity, all kinds and sizes.

Manilla Rope, 1/2 inch and larger, per lb.....	\$ 0 12
Manilla Rope, 7-16 inch and smaller, per lb.....	13
Cotton Rope, all sizes, per lb.....	28
Hemp Rope, all sizes, per lb.....	20
Jute Rope, all sizes, per lb.....	10
Sash Cord, per lb.....	35

Prices subject to market changes.



Grain Cradles

	Each.
Turkey Wing...	\$ 2 75
Grape Vine.....	2 75
Cradle Fingers...	10



Hog and Pig Rings

Single, per box of 100 rings.....	10c
Double, per box of 100 rings.....	25c



Hog and Pig Ring Pliers

Per pair, 25c.



Screw Wrenches

20	6 inch.....	Several makes. All prices.
	8 inch.....	
15	10 inch.....	
15	12 inch.....	
60	15 inch.....	

Hand Saws

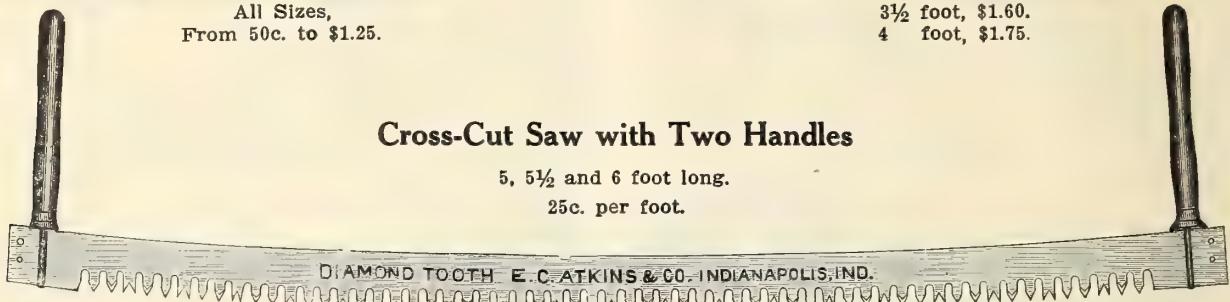
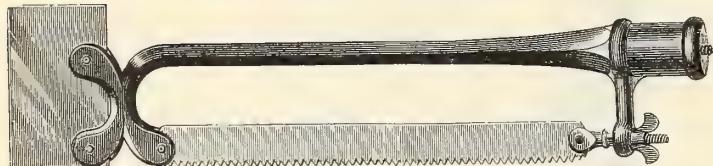
All Sizes,
From 50c. to \$1.25.

One-Man Cross-Cut Saw

3½ foot, \$1.60.
4 foot, \$1.75.

Cross-Cut Saw with Two Handles

5, 5½ and 6 foot long.
25c. per foot.

**Pruning Saw and Chisel**

Extra Heavy.
Price, without handle, \$1.00.
Price, with handle, \$1.15.

Pruning Saw

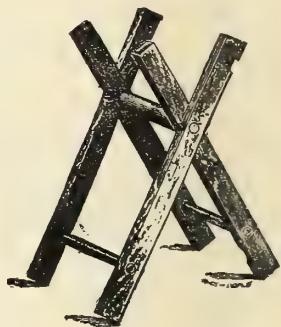
Single Edge, price 40c.
Double Edge, price 75c.
Curved Double Edge.
Price, \$1.00.
Other styles from 40c to \$1.50 each.

Buck Saw Blades

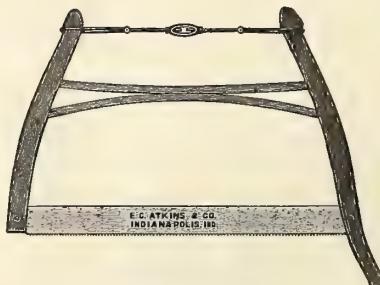
40c and 50c each.

Saw Buck

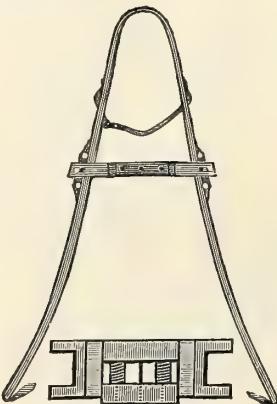
Large, 40c.
Small, 30c.

**Buck Saw**

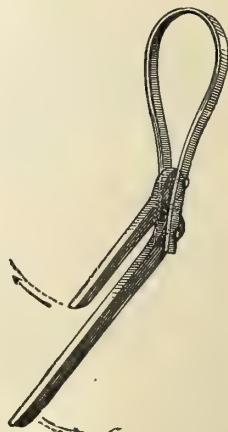
Common Blade, 65c.
Diamond Tooth Blade, 75c.
Frames only..... 25c
Frame Rods..... 10c

**Horse Pokes**

Excelsior, 75c.

**Horse Pokes**

Success, 50c.



LAWN MOWERS



THE UTICA LAWN TRIMMER.

\$3.50.

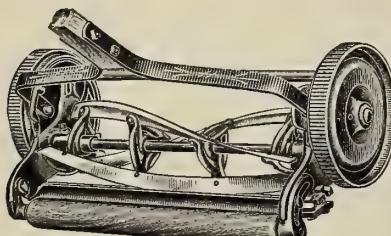
For trimming the edges of lawns, flower beds, around trees, posts, monuments and shrubbery. Also all places not reached by a lawn mower.

Will do in a few minutes the work it would take hours to do with a shears.

The outer end of the head is provided with a thin steel ring which serves as a protector to the end of the knives, and allows close trimming.

Special attention has been given to the quality of the steel used in the knives.

Every one is aware of the necessity of trimming a lawn as well as mowing it. The Utica Trimmer is light and durable, and does this work quicker and more even than can be done with shears.

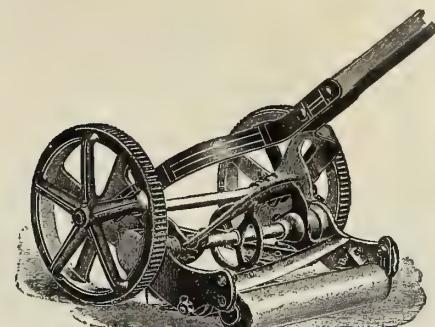


GORDINIER'S SPECIAL.

For the benefit of those who want a low-priced mower or those who have but a small amount of grass to cut, we offer this machine, and we think we are safe when we state that it is as good as one-half of the mowers sold as a high-grade machine, and, being a light-running mower, is preferred by many to the higher grade styles. We warrant every machine and never have had to replace one. 8 inch wheel.

12 inch.....	\$3.00
14 inch.....	3.25
16 inch.....	3.50

We also carry special mowers for horse power. Write for Big Lawn Mower Catalogue No. 12.



TOWNSEND'S "SPIDER."

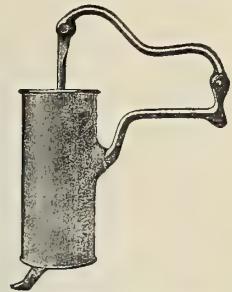
Its Special Features.

Ball Bearings, of the very highest grade, exact to $\frac{1}{4}$ of 1-1000 of an inch, which reduce the friction astonishingly—even more in a mower than in a bicycle—and render it possible to use much wider machines than heretofore with parallel bearings. A twenty-four-inch mower can now be operated much more easily as the old parallel bearing mower only 16 inches wide; hence, mowing the lawn becomes a fascinating pastime, and the lawn is mown in one-quarter of the time formerly consumed.

These Mowers Are the Best Ever Built.

Their adjustments are the simplest, most perfect and most positive. They cut within $1\frac{3}{4}$ inches of an obstruction (others $3\frac{1}{2}$ inches). Our cutter bars will stay on the ground and cut their full swath clean (other short coupled mowers kick up behind in heavy grass). Our mowers are well speeded, and bite small and frequent, leaving a beautiful, velvety lawn. They have successfully passed through eight seasons and been found efficient, perfect and satisfactory.

16 inch.....	\$8.00
18 inch.....	8.50
20 inch.....	9.00



Mastica Machine
Price, \$1.25.

The Advantage of Mastica Over Putty.

Mastica is elastic and tenacious. In a few hours after use a skin or film is formed, preventing the evaporation of the oils and leaving it pliable for years.

On account of this quality it admits of the expansion and contraction which is continual in the wood work of a greenhouse, from moisture and heat.

Putty, on the contrary, becomes hard and brittle, and cracks off under the same circumstances.

Broken glass is more easily removed and replaced by new, without the breaking of other glass, which often occurs with hard putty.

One gallon will cover about 290 running feet (one side).

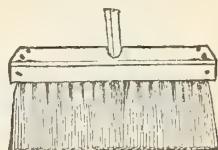
PRICES.

1 quart.....	\$0.40
$\frac{1}{2}$ gallon.....	75
1 gallon.....	1.35

HORSE AND STABLE FIXTURES

BROOMS, UPRIGHT.

No. 8, Barn Corn and Rattan..	60c
No. 7-X, House Corn.....	50c
No. 8, Store Corn.....	60c

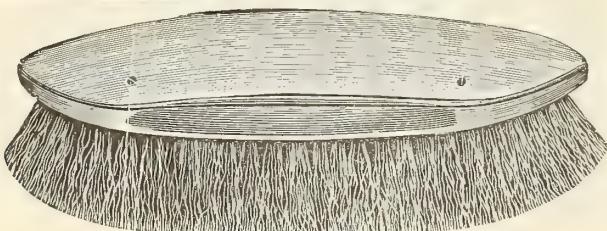


Rattan Brooms.

BROOMS, PUSH.

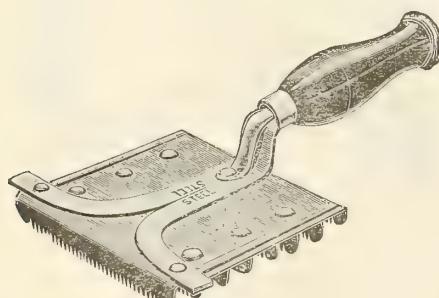
4 Row Rattan.....	50c
5 Row Rattan.....	55c
6 Row Rattan.....	60c
Corporation Rattan.....	75c
Fine Bassine.....	60c

Handles, 5c. extra.



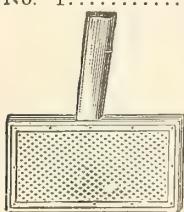
HORSE BRUSHES.

Hound	25c
Black and Tan.....	20c
30-X	40c
L. B.....	40c
200	25c
Scratcher	20c
Spaniel	25c
Pointer	25c



CURRYCOMBS.

No. 0.....	20c
No. 1.....	25c



CATTLE CARDS.

Large	20c
Small	15c

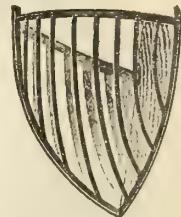
FEED BOWLS.



Slow Feed.....	1 60
	\$1 15
	1 15
	1 50
	2 50
	30

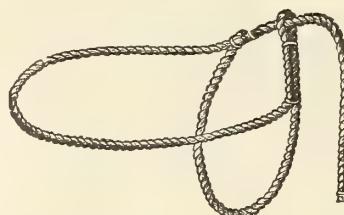
HAY RACKS.

Cast	\$1 25
No. 11, wrought.....	1 40



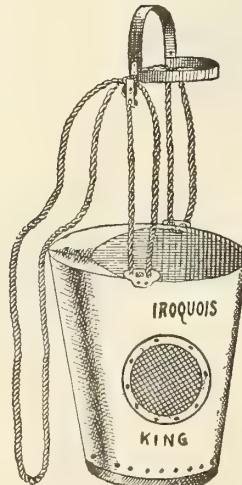
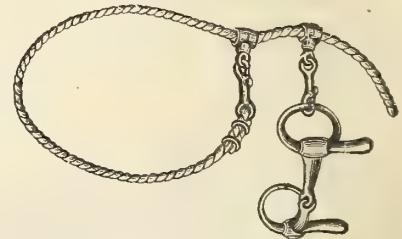
HALTERS.

Rope....from 30c. to	\$0 60
Leather.....90c. and	1 00

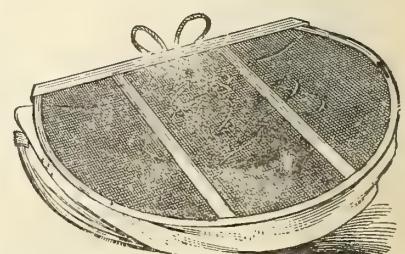


HORSE TIES.

Rope, from 20c. to 40c.



FEED BAGS.



Iroquois, each.....	75c
Wood bottom, each.....	60c
Williams, each...	\$1 00



Hoof Stuffing

PEAT MOSS.

No. 1.....	\$1 50
No. 2.....	1 00

HOOFTONE

ROCK HOOF PACKING

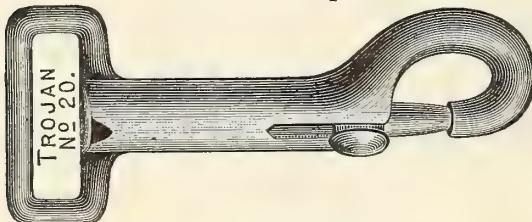
3 lb. box.....	25c
7 lb. box.....	50c

Nutriotide

Nutriotide corrects and prevents indigestion and colic (which is acute indigestion), expels worms, regulates the bowels, cleanses the blood and in fact tones the whole system. Beats grass, as it does not soften flesh and muscles or unfit horses for hard driving or work. 25c., 50c. and \$1.



Harness Snaps



All sizes and makes, from 5c. to 20c.



No. 2 COLD BLAST LANTERN.

Clipper Lift.

No. 2 Cold Blast Burner.

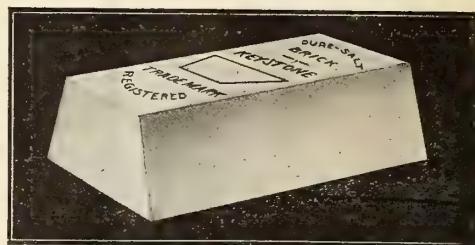
No. 0 Cold Blast Globe.

1-inch "B" Wick.

Unquestionably the world's best lantern. It gives double the light of the common or "hot blast" lantern and is absolutely the best oil burning lantern ever made.

Price..... 90c

Salt Bricks



Holders, each 25c
The only pure salt. Convenient and cheap.
Bricks, each..... 15c

Measures—Wood and Steel



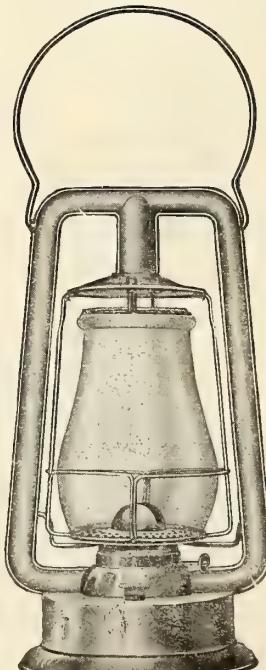
ALL IRON BOUND.

Nests, from 1 to 16 quarts.....	\$1 75
16 quart each.....	75
8 quart, each.....	50
4 quart, each.....	40
2 quart, each.....	30
1 quart, each.....	20

Steel Measures

32 quart, each.....	\$1 00
16 quart, each.....	60
8 quart, each.....	50
6 quart, each.....	40
4 quart, each.....	35
2 quart, each.....	30
1 quart, each.....	20
Nests, from 1 to 16 quarts.....	2 00

LANTERNS



HAM'S No. 0 CLIPPER.

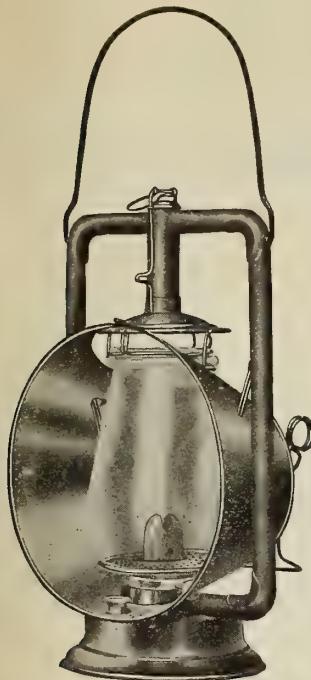
No. 1 Hot Blast Burner.

No. 0 Tubular Globe.

5/8-inch "A" Wick.

This lantern easily leads all common or "hot blast" lanterns in the quantities sold. It has a strong and simple lifting device, gives a splendid light and is very durable.

Price..... 50



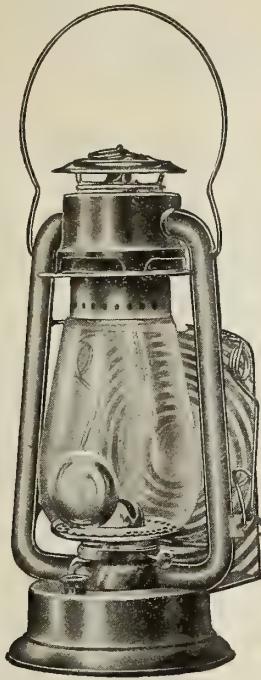
No. 0 HOOD TUBULAR DASH LAMP.

No. 1 High Cone Burner.
No. 0 Tubular Globe.

5/8-inch "A" Wick.

A fine lamp for wagons. The light is concentrated and projected ahead by a deep hood in the back of which is a silvered glass reflector, making it very desirable for night driving.

Price..... \$1 25



No. 17 COLD BLAST DASH LAMP—Clipper Lift.

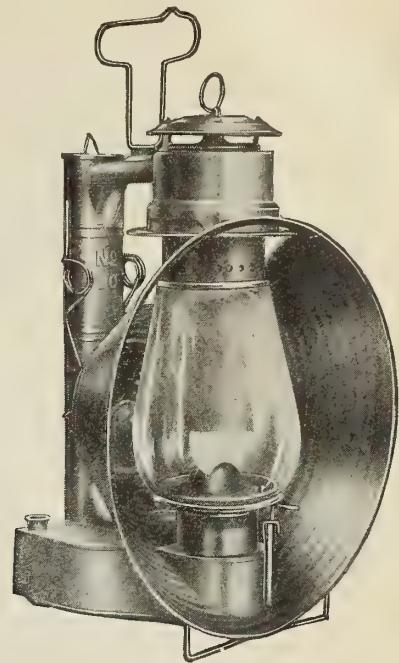
No. 2 Cold Blast Burner.

No. 0 Cold Blast Globe.

1-inch "B" Wick.

This lamp is excellent in every respect and remarkable in its brilliant and intense white light-producing powers.

Price..... \$1 00



No. 20 COLD BLAST SEARCH-LIGHT.

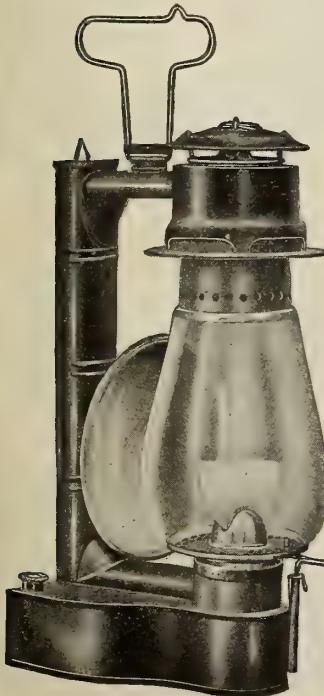
No. 2 Cold Blast Burner.

No. 0 Cold Blast Globe.

1-inch "B" Wick.

This lamp is built on the same lines as the Mammoth, but smaller. It throws a steady, brilliant light, and is absolutely wind-proof. Burns equally as well indoors or outside. Fine for barns, boat houses, etc.

Price..... \$1 75



No. 12 "COLD BLAST"

TUBULAR SIDE LAMP

(Patented).

Made on the genuine "Cold Blast" principle. A very convenient wall lamp, as it can be used outdoors as well as indoors, and will burn steadily without smoking in the strongest winds. Can be carried about handily by the bail when desired.

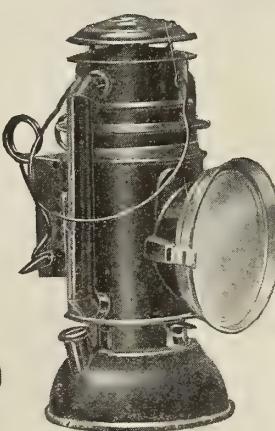
No. 2 Cold Blast Burner, 1-inch "B" Wick, No. 0 Cold Blast Globe, 6-inch Silvered Glass Reflector, Height of Lamp with bail down, 15 inches, Fount holds sufficient oil to burn 32 to 37 hours.

Price..... \$1 25

HAM'S "DIAMOND" "COLD BLAST" TUBULAR DRIVING LAMP (Patented).

Made on the genuine "Cold Blast" principle. Beautiful in appearance, durably made and producing a brilliant light, the "Diamond" is without a question the peer of all oil driving lamps. The fiercest gales cannot blow it out; the roughest roads cannot jar it out; it burns steadily and entirely free of smoke and odor. Although but a 1/2-inch wick is used, our "Cold Blast" principle in the construction produces an intense white flame, much wider than the wick, and the light is greatly magnified by the silvered reflector. Also furnished with our New Combination Lens which greatly increases the volume of light. Diamond Driving Lamp Burner, 1/2-inch "O" Wick, 4 3/4-inch Heavy Beveled Glass, Height of Lamp, 10 inches, Fount holds sufficient oil to burn 29 hours.

Price..... \$2 50



PRATTS

Guaranteed Remedies Always Make Good

BACKED BY NEARLY FORTY YEARS SUCCESS
AND A "SQUARE DEAL" GUARANTEE

Pratts Animal Regulator



The original animal regulator of America. Thousands of America's most successful stock owners and breeders have used it constantly and with great success for nearly forty years. It will pay you as well to use it.



Pratt's Animal Regulator will put more life and energy in your horse, thus enabling him to do more and harder work, and at the same time it will save you feed. When your horse digests and utilizes all the valuable elements in his feed you naturally do not need to give him as much feed. Pratt's Animal Regulator enables him to do so. And because he is "right" inside he will also have a better outside appearance. Pratt's gives that strong, sleek, glossy appearance as well as improving the wind.

Pratt's Animal Regulator will cause your cows to give more and richer milk, as well as keep healthy on less feed, by keeping the digestion right and stimulating the milk supply.

Hogs, sheep and cattle are all kept healthy and fattened much quicker where Pratt's Animal Regulator is used regularly.

But you don't have to take our word for it. Buy a package, give it a fair test, and if you don't think it is a most profitable investment we will give you your money back.

Get a package now. In packages, sacks and pails, from 25 cents up. The larger size packages are much cheaper to use.



Pratts Colic Cure

This is a guaranteed colic cure with a record of 998 cures out of 1,000 cases treated. Its action is quick and certain in all kinds of colic. This is one of the finest remedies on the market. Its use is good "horse insurance." Colic strikes quickly. You should keep a bottle in your stable. In 50c. and \$1 bottles.



Pratts Veterinary Liniment

There is no better remedy made for rheumatism, lameness, sprains, bruises, inflammation, sore throat, etc. It is very penetrating and powerful. If so desired it may be used as a blister.

The uses you have for such an article will surprise you. In 25c., 50c. and \$1 bottles.



Pratts Worm Powder

A safe, quick, certain and easily administered worm eradicator. No animal can have worms and be profitable. If you suspect worms get a package quick. 50c. a package.

Pratts Heave, Cough and Cold Cure

A safe, certain and quick acting remedy for heaves, coughs, colds and catarrh. A "heavy" horse is worthless. Pratt's Heave Cure makes him valuable, tones up the lungs and digestive organs. The results will surprise you. In 50c. and \$1 packages.



Pratts Healing Ointment

A cooling and antiseptic healing ointment for cuts, burns, galls, harness boils, and all skin diseases of animals. The wound heals without a scab and you can work your horse while you use it. A splendid preparation. In 25c. and 50c. tin boxes.



Pratts Animal Dip

An unusually strong disinfectant. Recommended by the United States Government for use in dipping and disinfecting. Should be used around stables as a preventive and in all cases of disease, being economical. In 1 quart cans up.



REMEMBER "PRATTS MAKES GOOD OR YOUR MONEY BACK"

BRADLEY'S STANDARD FERTILIZERS

We have sold these fertilizers for years and have always advocated the use of HIGH GRADE FERTILIZERS. We invite and welcome all inquiries from our customers and others who desire any information on the subject of fertilizers not listed here.

BRADLEY'S COMPLETE MANURE FOR POTATOES AND VEGETABLES.

Guaranteed Analysis for N. Y. and N. J.

Nitrogen	3.29 to 4.12	per cent.
Equal to Ammonia.....	4 to 5	per cent.
Soluble Phos. Acid.....	6 to 7	per cent.
Reverted Phos. Acid.....	2 to 3	per cent.
Available Phos. Acid.....	8 to 10	per cent.
Insoluble Phos. Acid.....	1 to 2	per cent.
Total Phos. Acid.....	9 to 11	per cent.
Potash (Actual).....	7 to 8	per cent.
Equal to Sul. Potash.....	12.94 to 14.79	per cent.

For the growth of Early and Abundant Crops and to secure the best in form, character, tint and weight.

Embodies the higher range of nutritive percentages for attaining perfection in crop cultivation.

Especialy adapted for the Trucker and Urban Agriculturist.

Adjusted to the most approved proportions, compounded from the best bases and forms of nitrogenous matter and perfectly assimilated.

PRICES ON APPLICATION.

BRADLEY'S AMMONIATED DISSOLVED BONE.

Guaranteed Analysis for N. Y. and N. J.

Nitrogen	1.65 to 2.47	per cent.
Equal to Ammonia.....	2 to 3	per cent.
Soluble Phos. Acid.....	6 to 7	per cent.
Reverted Phos. Acid.....	2 to 3	per cent.
Available Phos. Acid.....	8 to 10	per cent.
Insoluble Phos. Acid.....	1 to 2	per cent.
Total Phos. Acid.....	9 to 11	per cent.
Potash (Actual).....	2 to 3	per cent.
Equal to Sul. Potash.....	3.70 to 5.55	per cent.

This compound presents a formula that has brought to many farmers ample and profitable crops. It is admirable for fall grain crops or spring sowings of oats and barley, with the merit of many successive successful annual tests.

PURE SHEEP MANURE.

Direct from the Corrals in the West.

Received in carload lots. This is a pure, natural manure, and the most nutritious food for plants. Its effect is immediate, much more lasting and healthy than guano or any other manure. It is the best of all manures for mixing with the soil for greenhouse plants. It makes the quickest, safest and richest liquid manure, rivaling guano without any deleterious effect. Excellent for flower or vegetable gardens. As a top-dressing for lawns it is unequalled.

Directions for using Gordinier's Pure Pulverized Sheep Manure.

For House Plants.—For mixing with the soil, take one part sheep manure to six parts soil. For use in liquid, take one pound of sheep manure to five gallons of water, which mixture may be used with perfect safety daily if necessary.

For Garden and Field Crops.—Use two tons per acre, one ton before plowing, the balance before harrowing.

For Top Dressing for Grass.—Use one ton per acre, applied in Fall or early Spring.

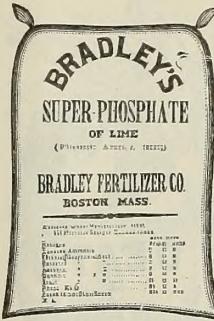
There are several grades of Sheep Manure, and for low grade it may be purchased for \$10 or \$12 per ton, but this grade is full of weed seeds, and, as a fertilizer, is of little value.

We sell only the highest grade Pulverized Sheep Manure, which is absolutely pure. This grade is high in price, but it will surely give the most satisfactory results.

Per hundred lbs..... \$1 50
Per ton..... 25 00

BRADLEY'S PATENT SUPERPHOSPHATE.

Guaranteed Analysis for N. Y. and N. J.



	per cent.
Nitrogen	2.06 to 2.88
Equal to Ammonia.....	2 1/2 to 3 1/2
Soluble Phos. Acid.....	6 to 7
Reverted Phos. Acid.....	2 to 3
Available Phos. Acid.....	8 to 10
Insoluble Phos. Acid.....	1 to 2
Total Phos. Acid.....	9 to 11
Potash (Actual).....	1 1/2 to 2 1/2
Equal to Sul. Potash.....	2.77 to 4.62

Bradley's Patent "the eldest of the family" of all the brands made for so many years by the Bradley Co., having the well-known trade-mark, and is a warranty to every buyer, an assurance every farmer can rely upon in his purchases.

BRADLEY'S POTATO FERTILIZER.

Guaranteed Analysis for N. Y. and N. J.

Nitrogen	2.06 to 2.88	per cent.
Equal to Ammonia.....	2 1/2 to 3 1/2	per cent.
Soluble Phos. Acid.....	6 to 7	per cent.
Reverted Phos. Acid.....	2 to 3	per cent.
Available Phos. Acid.....	8 to 10	per cent.
Insoluble Phos. Acid.....	1 to 2	per cent.
Total Phos. Acid.....	9 to 11	per cent.
Potash (Actual).....	3 to 4	per cent.
Equal to Sul. Potash.....	5.55 to 7.40	per cent.

In this brand the proportions of Ammonia and Potash are adjusted to sections where less rapid growth is desired and where, too, the presence of Potash already in the soil makes a larger percentage unnecessary—lands that produce vigorous timber and generally better charged with Potash than lighter soils. The grain producing element is amply present. This grade can be termed an Economizer and will be found a most satisfactory crop producer.

BRADLEY'S SOLUBLE DISSOLVED BONE.

Guaranteed Analysis for N. Y., N. J. and Penn.

Soluble Phos. Acid.....	12 to 14	per cent.
Reverted Phos. Acid.....	2 to 3	per cent.
Available Phos. Acid.....	14 to 16	per cent.
Insoluble Phos. Acid.....	1 to 2	per cent.
Total Phos. Acid.....	15 to 17	per cent.

This is the best and most economical form of Phosphoric Acid for the thoughtful buyer. "The best is the cheapest," yet not "cheap" as to quality, but economical as to cost. The proportions of Soluble and Reverted percentages in the aggregate of Available tells the tale.

WRITE FOR PRICES ON THE FOLLOWING.

- Bradley's Niagara Phosphate.
- Bradley's Alkaline Bone and Potash.
- Bradley's Soluble Dissolved Bone.
- Bradley's Dissolved Bone and Potash.
- Bradley's Bean and Potato.
- Bradley's B. D. Sea Food Guano.
- Bradley's New Method Fertilizer.
- Bradley's B. Fertilizer.
- Bradley's High Grade Special Manure.
- Big Fertilizer Catalogue, describing the different kinds with analysis.

INSECTICIDES

BUG DEATH.

Why Use Bug Death?

The crying need of farmers and gardeners has long been for an efficient insecticide which would be free from the deadly poisons so generally used. The need is abundantly met in Bug Death. While one of the quickest and most powerful exterminators of lice and plant pests, it is at the same time, absolutely non-poisonous to man and animals. It contains no Paris Green or Arsenic. It is a Plant Food as well as a Vermin Destroyer. It does not Burn or Blight Tender Plants. It keeps plants growing and vigorous until maturity. It insures better plants and larger crops. Bug Death is adapted to use on currant, gooseberry and rose bushes, squash, cucumber and melon vines, house plants, and all other fruits, plants and vines infested by plant-destroying insects.

PRICES.

1 pound.....	\$0 15
3 pounds.....	35
5 pounds.....	50
12½ pounds.....	1 00
100 pounds.....	6 50

Pat. March 16 and Nov. 9, 1897.

Pat. in Canada Nov. 2, 1897.

TRADE MARK

BUG DEATH

TRADE MARK

HAMMOND'S SLUG SHOT.

A non-poisonous powder, and a very popular insecticide; it requires no further mixing or preparation; easily applied, and not injurious or dangerous to animals, the person applying it, or fruits and vegetables treated. Very effectual in destroying potato bugs and beetles, green and black fly, slugs, worms, caterpillars, etc. 10 to 40 pounds is sufficient for an acre.

5 pound package..... 30c
1 pound package..... 15c

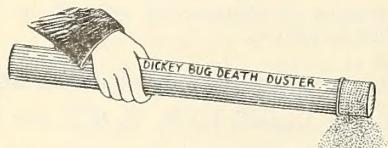


BORDEAUX MIXTURE.

Dry—1 lb. boxes.....	\$0 20
Dry—100 lbs.....	15 00
Liquid—Quarts	40
Liquid—Gallon	75



"DICKEY" BUG DEATH SHAKER.



Dickey's Bug Death Shaker, shown in cut, is designed for applying any kind of dry powder, and is the best as well as the cheapest shaker on the market. It is provided with a scoop for filling. Order one with your Bug Death.

Price..... 25c



SHEEP WASH.

Destroys parasites on sheep and all other domestic animals.

Quarts \$0 60
Gallon 1 75

BORDEAUX MIXTURE AND PARIS GREEN.

Dry—1 lb. boxes.....	\$0 25
Dry—100 lbs.....	22 50
Liquid—Quarts	40
Liquid—Gallon	75



PARIS GREEN.

Market Price.

OILS

HARVESTER OIL IN BULK—

1 gallon.....	\$0 40
½ gallon.....	20
1 quart.....	15

GAS ENGINE OIL IN BULK—

1 gallon.....	1 00
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MACHINE OILERS—

No. 620, copper, each.....	25
No. 2, tin, each.....	10

SEPARATOR OIL IN BULK—

1 gallon.....	50
½ gallon.....	30
1 quart.....	20

HARVESTER OIL—

1 gallon cans, each.....	50
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ALBANY HARD OIL—

Per pound.....	15
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OIL CANS—

1 gallon, each.....	25
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Faucets

Butternut Wood, 6 inch, each.....	\$0 15
Butternut Wood, 8 inch, each.....	15
Butternut Wood, 10 inch, each.....	15
No. 1 Sommors, each.....	25

Chains

STAKE—

Niagara, price per pair.....	\$0 75
Common, price per pair.....	75

TRACE—

Price per pair.....	70
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Copper Rivets

¾ to ¾, assorted, ½ lb. packages, each.....	\$0 25
Tubular, per package.....	10
Riveting Machine, each.....	40

LOG—

With hook and ring,	
5-16, price per lb.....	7
¾, price per lb.....	6 ½

Link Chain Belting

STAKE IRONS, price per lb.....	\$0 08	No. 25, price per foot.....	\$0 10
STEEL WEDGES, price per lb.....	5	No. 32, price per foot.....	12
WOOD CHOPPERS, SPLITTING, price per lb.....	8	No. 34, price per foot.....	12
		No. 42, price per foot.....	15
		No. 45, price per foot.....	15
		No. 50, price per foot.....	18
		No. 52, price per foot.....	18
		No. 55, price per foot.....	18

Halter Chains

Covert's No. 232, price, each.....	\$0 35
Covert's No. 234, price, each.....	40
Niagara No. 000, price, each.....	30
Niagara No. 00, price, each.....	25
Niagara No. 0, price, each.....	20
Niagara No. 1, price, each.....	20

Scale Beams

250 lbs., price, each.....	\$1 75
300 lbs., price, each.....	2 00
450 lbs., price, each.....	2 75
500 lbs., price, each.....	3 25



This is the
Largest
Seed Store
in
Northern
New York

Established
1858

H. W. GORDINIER

Franklin Square TROY, N. Y.

Established
1858

This is the Largest
Poultry
and Farm
Supply
House
in Northern
New York

